Orange Bytes

Award-Winning Newsletter of the North Orange County Computer Club*

Main Meeting, April 1

Several possibilities are being checked, but as of this writing, we do not have a committed speaker.

Big prizes for our April raffles (such as Canon Pixma iP2702 inkjet photo printers) (See page 4)

March winners' pix (Page 17)

We will have a Consignment Table and E-Waste Collection during the April 2012 meeting. (See page 5)

Happy 36th Birthday, NOCCC! Join Our Party April 1st (See Prez Msg. p. 3 & p. 28)

Special Interest Group (SIG) & Main Meeting

9:00 a.m.

Linux for Desktop Users………................Science 131
Topics about the Linux operating system. Beginner's Qs here.

Visual Programming..…………….……..Science 111
Visual Basic, Visual BasicScript, Visual C++ and Visual J++.

Laptops, Smartphones, & Social Media......Science 109
Social Networking & any computer-related topics you want to discuss.

Beginners Digital Photography……..........Science 131A
Topics about digital photography.

Microsoft Word, Excel, and Outlook……....Science 306
Three parts of the Microsoft Office Suite plus Open Office.

Reviews & Consignment Tables, Coffee & Donuts: Irvine Hall Lobby

10:30 a.m.

Beginners PC Q & A .... Irvine Hall
Building your own PC and other topics!

Linux Administration……………...............Science 131
More topics about the Linux operating system.

Access/Excel VBA………………................Science 306
Access & Excel VBA code.

10:30 a.m.

Advanced Digital Photography………………..Science 131A
Demonstrations of a variety of useful photographic tools/accessories and the Canon S100 camera
.

Understanding Operating Systems…………....Science 111
Help with DOS, Windows, OS/2, etc.

Mobile Computing.... ……...............................Science 109
This SIG discusses mobile devices.

12:00 Noon

PIG SIG………………….……….....Hashinger Courtyard

Microsoft Access ……………................……Science 306
Database applications and more.

12:30 p.m.

Advanced PC Q & A………………......…….Irvine Hall
PC hardware & software topics and the Internet.

2:00 p.m. Main Meeting………..Irvine Hall

NOCCC website:
http://www.noccc.org

Firm Future Meeting Dates in 2012:
May 6

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Orange Bytes Staff

Publication Chairman - *Oversees publication tasks and converts the Orange Bytes newsletter to PDF for printing and web posting; transmits PDF to Printer.*
open ....

Editor - *Edits and makes final selections of the articles to be included in the newsletter.*
open .... editor@noccc.org

Associate Editor/Production - *Receives articles from the editor and lays out the issue of the newsletter.*
open .... editor@noccc.org

Circulation - *Oversees mailing and distribution of the newsletter.*
Richard Miller ....(714) 309-1504, rrrmil@gmail.com

Reviews Editor - *Communicates with the vendors and members who evaluate products and write reviews. Makes sure members meet deadlines. Sends a copy of the newsletter to vendors of products we review.*
open .... reviews@noccc.org

Copy Editor - *Does final proof reading of the newsletter for typos and misspellings.*
Dennis Martin…………….(951) 926-3065, dennismartin@dslextreme.com

VOLUNTEERS NEEDED

The following positions are available:
Social Media Contacts – *Maintain and write articles for the newsletter.*

Contributing Editors - *Write articles for the newsletter.*

Commercial Advertising - *Obtains ads from vendors for the newsletter.*

Classified Advertising - *Obtains computer-related, non-commercial ads for the newsletter free to NOCCC members.*

Contact editor@noccc.org or (714) 779-1936.

Celebrating 35 years of "Friends Helping Friends"

Jim will notify you by email when we have a speaker commitment for the next Main Meeting.

President's Message

By Jim Sanders, NOCCC

We all know that April 1 is a day for pranks, jokes, assorted funny ha ha this or that. It may only be a coincidence that the club's next meeting is on April 1, but, from my point of view, there is not an awful lot to laugh at. On the plus side, **we will once again be celebrating the anniversary of the club's founding in April 1976. If you do the arithmetic, that was 36 years ago. So, I will buy the punch and cake at Costco as our standard celebratory lunchtime treat. And, I will put down on the order form that the inscription on the cake should read "Happy 36th Anniversary NOCCC"** but it's not going to be so happy.

NOCCC has both a leadership and a volunteer crisis to deal with that has the potential for the club to not see its 37th anniversary. For months, I have pointed out that no one seems to be willing to accept an appointment from me as Vice President of the club. For months, I have made it known that after four years I don't wish to be President again and so far no one has expressed an interest in the office. Your Treasurer, John Heenan, has indicated a desire to retire from the office and might do so at any time. And**, the club's Secretary, Orange Bytes Editor, and Reviews Editor, Ted Littman, has resigned from his 3 positions affective as of the end of the Board of Directors meeting on March 5, 2012.**

He has graciously agreed to put together the April edition of the Orange Bytes, but unless a volunteer steps forward to take over the position of Orange Bytes Editor, this will be the last edition of our newsmagazine. I don't think very many members realize just how big a job the OB & Reviews Editors positions really are. I won't go into all the details, but take my word for it, they

are a lot of work. The third hat that Ted has been wearing, NOCCC Secretary, is almost a cakewalk compared to the other two, but no trivial task unto itself, so the club now needs another Superman, or three individual volunteers to wear those hats.

The worst-case scenario it is; not enough members step forward to volunteer their time to be officers of the club, and I preside over its dissolution. That would be a real shame! NOCCC still provides a valuable service to most of its members, and in a trickle-down fashion, to their family, friends, and associates. Through our newsletter, particularly the online version of it, the club provides help and insight to a fairly large number of people. The lack of volunteers has resulted in too much work for too few people. If the membership wants the club to stumble on, aside from filling the officer and BOD positions, there are things that can be done. For lack of volunteers to do the work, settle for having a one or two page email summary of what's going on instead of the Orange Bytes newsletter. Stop having a reviews program. Stop having a club raffle. Stop having a Main meeting presentation. Stop having a consignment table program. Stop having an updated website. Stop having coffee and doughnuts at the meetings. Other changes are possible if the membership voted to modify the club bylaws. I hope most of this does not come to pass, but it will depend upon what you, and the other members of the club decided to do. So call or email me your thoughts.

See you next month, hopefully.

Orange Bytes in Color and More at the NOCCC Website.
Webmaster Needed!

By Steven Breitbart, NOCCC

Jim Sanders, the NOCCC President, has been updating the NOCCC web site. **Nevertheless, we urgently need a volunteer to be the Webmaster. If you can help, contact Jim Sanders** at president@noccc.org or (714) 544-3589.

The latest issue of the Orange Bytes is now available in PDF format, **in color** and with **live** internal and external links. There is no user name or password needed. Older issues also are available. Go to our website: **http://www.noccc.org/bytes/index.html.**

March 2012 Orange Bytes Errata
1. In the Computer Talk section, your Editor inadvertently repeated the 4-pages of Word & Excel Tips that were used in the February issue! For those of you who read this section and were looking for new Tips, I apologize for not noticing this in the copy-editing process. Probably another senior moment lapse. If you are **not** interested in the Word & Excel Tips and would prefer other material, send an email to editor@noccc.org.

2. The Access & VBA SIG reports also were inadvertently omitted in the March newsletter and are included in this one.

NOCCC Elections at the June 2012 Main Meeting

Please consider becoming more involved in running the NOCCC. **During the June 2012 meeting, we will be holding our annual elections. You must be at the meeting to vote.** All positions on the NOCCC Executive Board are to be filled. While mostly taken from the Bylaws, the summary below is not all-inclusive.

NOCCC Executive Board
The NOCCC Executive Board "subject to the limitations of those bylaws, shall debate, establish, amend, and update the policies for all the affairs and business of the NOCCC."

"The Board shall concern itself with the disbursement of all NOCCC moneys. The Board shall consider the budget and such additional expenditure requests as are submitted by the president, and shall authorize such expenditures as it considers wise and appropriate."

The NOCCC Executive Board consists of four officers, eight elected directors, and ex-officio members. There are four officers of the club: President, Vice-President, Secretary, and Treasurer.

Duties of the President include:
- Represent the NOCCC to the community as the chief executive officer.
- Set the agenda for and presides at all general meetings of the club.
- Set the agenda for and presides at all meetings of the NOCCC Executive Board.
- Appoint members to chair all standing and special committees and appointed positions.
- Receive, on behalf of the NOCCC, all contributions to the club.

Duties of the Vice-President include:
- Assume the duties of the president in the president's absence.
- Assume special duties as may be directed by the president.

Duties of the Secretary include:
- Establish and maintain a record of all NOCCC correspondence, and attend to correspondence as directed by the president or the Executive Board.
- Establish and maintain records of the proceedings of all regular and special general meetings, and of the Executive Board meetings.

- Establish and maintain a record of all real or personal property acquired by the NOCCC and cause said property to be permanently identified as property of the NOCCC.

Duties of the Treasurer include:
- Receive and deposit into the NOCCC accounts all moneys received.
- Establish and maintain an accurate journal of all receipts and disbursements of NOCCC money.
- Report at the regular general meetings a summary of the financial status of the NOCCC.
- Suggest, if appropriate, to the Executive Board that an audit be made and reported to the general membership.

Elected Directors
The eight elected directors are on the Executive Board and, along with the four officers, address any issue that comes before the Board.

Ex-officio members of the Executive Board
Ex-officio members of the Executive Board are the immediate past president, editor of the club newsletter and the webmaster. The President appoints the editor and webmaster.

Other Appointed Positions
These positions are Membership Chairman, Reviews Editor, Public Relations, Business Solicitations/Lecture Series, Classified Advertising for Members, Commercial Advertising, Webmaster and Programs/Speakers Coordinator. Contact the current club President if you are interested in any of these positions. **We can then include your name in the next issue of the Orange Bytes.**

Current Slate for June 2012 NOCCC Elections

President: open
Vice President: open
Treasurer: John Heenan
Secretary: open
Director: Jim Sanders
Director: Steven Breitbart
Director: Richard Miller
Director: Gerry Resch
Director: Ben Lochtenbergh
Director: Dallas Hazleton
Director: open
Director: open

Membership Benefits

As a valued member, we bring you a section of discounts and offers as part of the entire "Benefit of Belonging." (Caveat: we are unable to endorse these companies, but make these offers available as a service to our members.)

User Group Offers - Software and Hardware

User Group Relations – You can now order the latest release of **Acronis True Image 2012** from **Gene Barlow** for only $25 (download) or $25 plus S&H (on a CD). This top-rated backup utility has many new features and will work with Windows 7. Use the following link for special pricing for user group members: www.ugr.com/TrueImage.html.

Techsmith - You can get **SnagIt 11**, an outstanding screen capture program, and **Camtasia** Studio 7, to quickly record, edit and publish multimedia demos and presentations, bundle for $269, an $81 savings: https://store.techsmith.com/government.asp. You can download SnagIt 10 alone for $42.95.

User Group Offers - Books and Magazines

Pearson Education Products including Prentice Hall Professional, Addison-Wesley Professional, IBM Press, Exam Cram, Que Publishing, and Cisco Press. Get 35% off list price by purchasing directly from the publisher combo site: **www.informit.com/join**. Sign in or create an account. Enter the membership code "USERGROUP" (all caps). Select your items and check out. You are required to register and apply the code once, but you must be logged in to receive the special pricing.

O'Reilly Books - Get **40% off** all books and videos from O'Reilly, Microsoft Press, Pragmatic Bookshelf, and SitePoint, or 50 % off books you purchase directly from O'Reilly. Just use code DSUG when ordering online, **www.oreilly.com/store/**, or by phone, (800) 998-9938. Free ground shipping on orders $29.95 or more in the US. If for any reason you are not completely satisfied with your purchase, you can return it to O'Reilly and get your money back; see **www.oreilly.com/oreilly/cs/guarantee.** A return shipping label is included with every direct purchase and directions are posted online in case you misplace it.

Peachpit Press Books Discount - Get 35% off by joining the Peachpit Club. Use the following hyperlink to sign up: **http://memberservices.informit.com/my_account/login.aspx?partner=52** to sign up as a member. User group members should note that once you have become a Peachpit Club member, you might use your user group coupon code ON TOP of the permanent savings you earn as a member of the club. Just log into the site before you make a purchase to ensure this permanent discount will be in effect, and then enter coupon code **UE-23AA-PEUF** (case-sensitive) at checkout! This coupon code is an exclusive offer that may not be used in conjunction with any other coupon codes. The offer applies to all titles at peachpit.com including New Riders, Macromedia Press, Adobe Press, and Peachpit.

Free Internet Libraries - Upon retiring from college teaching/administration, **Walter Antoniotti** began developing **Free** Internet Libraries for students, teachers, and professionals. **(**http://www.businessbookmall.com/Free Internet Libraries.htm**)** Of special interest to PC users are these free computer libraries:

> **Free Business Software**
> **(http://www.businessbookmall.com/Free Business Software Internet Library.htm)**
> **Free Software Tutorials**
> **(http://www.businessbookmall.com/Software Tutorials Internet Library.htm)**
> **Excel Internet Library**
> **(http://www.businessbookmall.com/Microsoft_Excel_Directions_For_Beginners.htm)**

THE APRIL 2012 CLUB RAFFLES

GENERAL DRAWING PRIZES*:
- ❖ **Canon Pixma iP2702 inkjet photo printer**
- ❖ **Logitech wireless keyboard**
- ❖ **Patriot memory 16GB USN flash drive**
- ❖ **Targus Stylus for phones & tablets**

* Parking stubs are good for two raffle tickets each! See the article immediately below this list!

MEMBERS-ONLY DRAWING PRIZES:
(**Wear your NOCCC Badge and get a free ticket!**)
- ❖ **Canon Pixma iP2702 inkjet photo printer**
- ❖ **Logitech wireless keyboard**
- ❖ **Patriot memory 16GB USN flash drive**

Save Your Parking Permits!

To offset the cost of parking in the **Lastinger Underground Parking Structure**, the NOCCC Board approved a motion to give each member two NOCCC General Drawing raffle tickets in exchange for the Lastinger-parking permit. Turn the bottom-half "receipt" part of your permit to the Rafflemeister on the same day or hold it until the next meeting. **Gerry Resch, the Raffle Leader, will exchange it for two raffle tickets.**

The reason for this is that the NOCCC Board has found that some people are not attending meetings or not renewing their memberships because of the parking situation. Chapman University has allowed us to park in the Lastinger Parking Structure under Wilson Field for only $2 for the whole day of our meeting; normally $2 is good for only two hours. The advantages of parking there are clear; you don't have to drive around looking for a legal spot (remember, don't park on the private home side of the street), the car doesn't get hot and you don't have to parallel park. There is even an elevator available to get down to the parking area.

Consignment

The NOCCC Consignment Table in the **lobby of Irvine Hall will be** available during the **April 2012** meeting. It is open on even months, the same as the E-Waste collection.

For your information:

1) Only current members can place items for sale, but non-members are welcome to purchase items from the table. This is a great place to get some money for your surplus computer items, and help the NOCCC at the same time.

2) The consignment table operates on a 90/10% basis — with the owner getting 90%, and the Club treasury 10%.

3) **You can fill out a Consignment Table User List and item tags at the table:** The user list and each tag must contain:
   a) Seller's name
   b) Seller's NOCCC membership number
   c) Item name and description
   d) Item asking price

4) The seller may pick up all items and/or money at any time, but **no later than 2 p.m. on the day of sale**. Any items and/or money not picked up by 2 p.m. will become the property of NOCCC and will be subject to disposal at the Club's discretion. The club has no storage room available for unsold items

5) NOCCC is NOT RESPONSIBLE in any way for items bought and/or sold at the Consignment Table. Each item is placed and sold on an AS-IS BASIS.

E-Waste Collection

California disposal laws have made it illegal to put monitors and computers in the regular trash. **Omni Technics, Inc.** will be at our regular meetings to collect E-Waste **on even months**, so save your "junk until April.

Check their web site for more information: **http://www.ca-recycle.com/.** Or, call (562) 627-1910.

NOCCC Officers

The area code for the following phone numbers is **714** unless noted.

President
Jim Sanders ....544-3589.................... president@noccc.org

Vice President
Open.......................................

Secretary
Open……………….... …………… secretary@noccc.org

Treasurer
John Heenan ....998-7660..................... treasurer@noccc.org

Directors
Dr. Patricia Adelekan.............. 628-9844 . . p_adelekan@yahoo.com
Dr. Don Armstrong..................773-1187............ docarmstrong@gmail.com
Steven Breitbart.................... ...486-3070……....... sbreitbart@socal.rr.com
Dallas Hazleton........................526-1592... ghazleton4@dslextreme.com
Ben Lochtenbergh……...(949) 653-2545…...…......…….... bal@msn.com
Richard Miller ....309-1504................ rrrmil@gmail.com
Gerry Resch ....772-6667............ gerry@gerryresch.com
Gordon E. Strickland, Jr..........970-7730.......... gestrickland@earthlink.net

Editor
Open... .... editor@noccc.org

Webmaster
Jim Sanders, Acting………....544-3589………...… president@noccc.org

Volunteers, Committees, and Projects

Consignment Table
Richard Miller ....309-1504.................. rrrmil@gmail.com

Raffle Leader
Gerry Resch ………………....772-6667.............. gerry@gerryresch.com

Helpline
Open ....

Membership Database
John Heenan ....998-7660.................... treasurer@noccc.org

Membership Chairman
Ben Lochtenbergh...........(949) 653-2545.............................. bal@msn.com

SIG Coordinator
Dallas Hazleton ....526-1592........ ghazleton4@dslextreme.com

Programs/Speakers Coordinator
Open

Public Relations.
Open

University Liaison
Jim Sanders............................ ....544-3589.................... president@noccc.org

Chapman U. Campus Security 997-6763 open locked rooms, problems

NOCCC is a Member
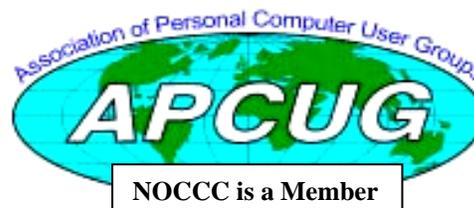
NOCCC Help Volunteers

The **Help Line** is in the true spirit of the NOCCC, which is to help others to learn more about computers. The following is a list of Help Line subjects that a NOCCC volunteer is able to help you deal with. Call (714) 779-1936 or e-mail Ted Littman at helpline@noccc.org with additions, deletions, or corrections. Most volunteers prefer being contacted by e-mail. Mention **NOCCC** in the Subject line.

Subject	Volunteer	Phone	E-mail
Apple II	Gerry Resch	714-772-6667	gerry@gerryresch.com
Corel Draw	Larry Klees	714-879-7962	larryklees@yahoo.com
Digital Photography	Larry Klees	714-879-7962	larryklees@yahoo.com
Excel	Gerry Resch	714-772-6667	gerry@gerryresch.com
GPS Navigation	Bob DeWolf	714-879-8269	rsdewolf@adelphia.net
Linux	Bob Ray	714-634-7520	bobsdesk@dialup4less.com
Lotus 1-2-3	Gerry Resch	714-772-6667	gerry@gerryresch.com
Microsoft Office	John Heenan	714-998-7660	heenanjc@sbcglobal.net
PC Hardware	Jim Sanders	714-544-3589	jsanders@ligasmicro.com
Photo editing & Pshop	Larry Klees	714-879-7962	larryklees@yahoo.com
QuickBooks - all ver.	Linda Russell	909-949-4930	qbqueen@verizon.net
Tcl/Tk & UNIX	Bob DeWolf	714-879-8269	rsdewolf@adelphia.net
Windows 7, Vista & XP	Jim Sanders	714-544-3589	jsanders@ligasmicro.com
Windows 9X & XP	John Heenan	714-998-7660	heenanjc@sbcglobal.net
WiFi & Networking	Jim Sanders	714-544-3589	jsanders@ligasmicro.com

The names of our volunteers are only available in the printed version of the Orange Bytes.

Do you want to be an NOCCC Help Volunteer and assist other members with computing subjects that you know well?
If so, please contact Ted Littman at tedlit@roadrunner.com or (714) 779-1936.

SIG Leaders

Contact the SIG leaders by e-mail, preferably, rather than by telephone.

SIG	BLDG	RM.	TIME	LEADER	E-MAIL	PHONE
Linux for Desktop/Admin	Science	131	9:00/10:30	Bob Ray	bobrobo@dialup4less.com	(714) 634-7520
Beginner's Digital Photography	Science	127	9:00	John Krill	noccc.bgphotosig@gmail.com	(949) 497-8658
Visual Programming	Science	111	9:00	Anson Chapman	aec@cclift.com	(909) 860-9515
Laptops/SPs & Social Media	Science	109	9:00	Dr. Patricia Adelekan	p_adelekan@yahoo.com	(714) 628-9844
Word, Excel, & Outlook	Science	306	10:30	Tia Christian	lwilliams_00@yahoo.com	(714) 263-6105
Mobile Computing	Science	109	10:30	Ben Lochtenbergh	bal@msn.com	(949) 653-2545
Access/Excel VBA	Science	306	10:30	Bob Dickson	robertbdickson@socal.rr.com	(714) 539-1304
Advanced Digital Photography	Science	127	10:30	Larry Klees	larryklees@yahoo.com	(714) 879-7962
Understanding OS's	Science	111	10:30	Charlie Moore	mooreca@roadrunner.com	(714) 529-9071
Access	Science	306	12:00	Bob Dickson	robertbdickson@socal.rr.com	(714) 539-1304
PC Q&A	Irvine Hall		10:30/12:30	Jim Sanders	jsanders@ligasmicro.com	(714) 544-3589

Please report SIG changes to Ted Littman, editor@noccc.org, or (714) 779-1936.

Contact the SIG leaders by e-mail, preferably, rather than by telephone.

Word Tips

Keeping Tables on One Page

As you develop more complex Word documents, it is inevitable that you will add tables. Most tables are relatively short, and can easily fit on a page. Because of this, it can be disconcerting to have a page break occur in the middle of a table. Here's an approach that has always worked for me:

1. Select all the rows in the table.
2. Display the Paragraph dialog box. (In Word 2007 display the Home tab of the ribbon and click the small icon at the bottom-right of the Paragraph group. In older versions of Word click Format | Paragraph.)
3. Make sure the Line and Page Breaks tab is selected. (See Figure 1.)
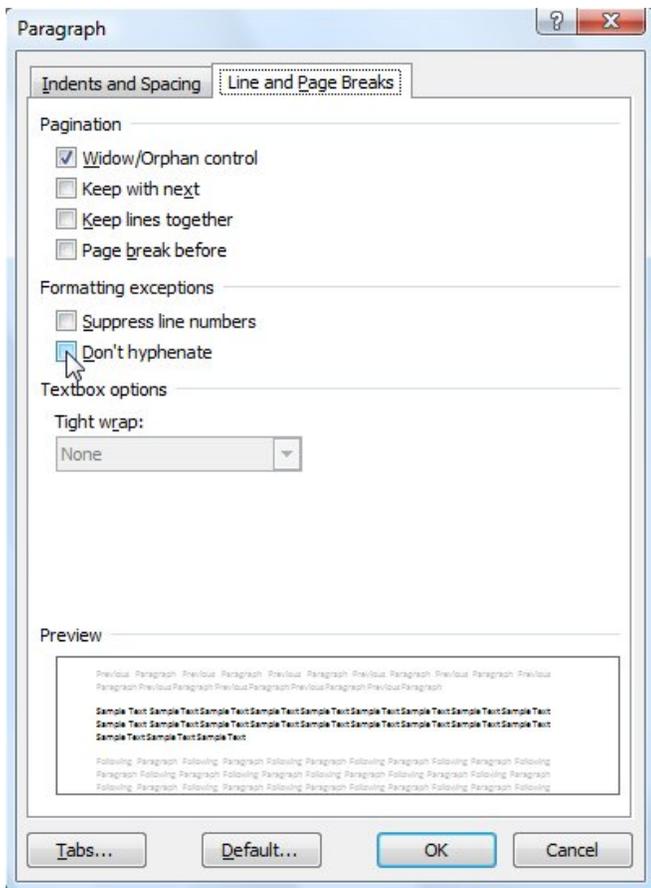

Figure 1. The Line and Page Breaks tab of the Paragraph dialog box.

4. Make sure the Keep Lines Together check box is selected.
5. Click on OK.

Now you need to repeat the same steps, with two minor variations. First, in step 1 select all the rows except the last one. Then, in step 4, make sure the Keep With Next check box is selected. This is necessary (performing this step with the last row not selected) so that the table stays together as a unit, rather than the table staying with the paragraph that follows it.

Moving a Table Row

Moving a row in a table is almost as easy as moving regular text. It is done by using the Clipboard. To move a row, follow these steps:

1. Select the row you want to move.
2. Press **Ctrl+X**, click on the cut tool on the toolbar, or choose Cut from the Edit menu. This removes the row from the table and copies it to the Clipboard.
3. Move the insertion point to the beginning of the row before which you want to place the row you just cut.
4. Press **Ctrl+V**, click on the paste tool on the toolbar, or choose Paste from the Edit menu.

Setting Up an Array with Fields

There may be a time when you need to create an "array" in the middle of a sentence. For instance, you may need to have a 3 x 3 "mini table" within a sentence. Using an actual table can be unwieldy, particularly if you literally want the array in-line within your sentence.

If you have such a special need, try this out:

1. Determine how many columns you want in your array.
2. Determine the elements to appear in each cell of the array.
3. Position the insertion pointer where you want the array to appear.
4. Press **Ctrl+F9** to insert a pair of field braces.
5. Enter your field so that it appears as shown here:

{ EQ \a \ac \co3 (One,Two,Three,Four,Five,Six,Seven,Eight) }
With the insertion point still within the field (between the braces), press **F9**. Word collapses the field.

When putting together your field, the \a switch indicates you are creating an array. The \ac switch indicates you want the information in each cell centered (you can also use \al for left alignment or \ar for right alignment). The \co3 switch indicates you want three columns in this array; you can (and should) change the number in the switch to reflect the number of actual columns you want in the array. Finally, the information within the parentheses represents the text to appear in each cell of the array, top to bottom and left to right. As shown in this example, the resulting array will be three columns by three rows.

You can also add some spacing switches to the field, if desired. For instance, if you wanted four points of space both vertically and horizontally between the array cells, you could add \vs4 \hs4 to the field.

It is hard to describe the effects of setting up an array. The best way to understand it is simply to try it. You may very well find many instances when you can use arrays in your own documents.

Changing the Startup Directory

When you first install Word, the working directory is set to a default directory, which is normally "My Documents." You may want to change the default location to match your working habits. You can quickly change the default startup directory by following these steps:

1. Choose Options from the Tools menu. Word displays the Options dialog box.
2. Click on the File Locations tab. (See Figure 2.)
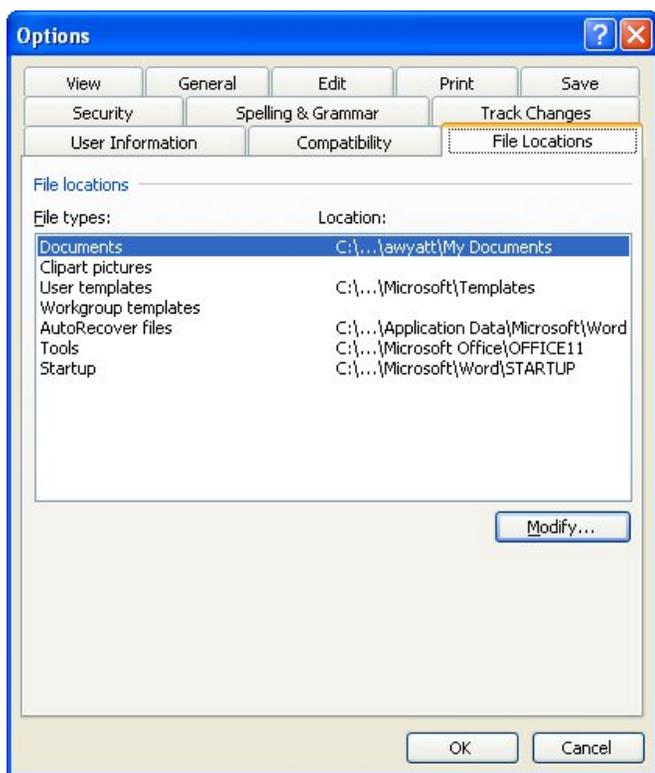
Figure 2. The File Locations tab of the Options dialog box.

3. Make sure the Documents file type is selected, and then click on the Modify button. Word displays a dialog box in which you can browse and select directories.
4. Select the directory you want used as the startup directory for your documents.
5. Click on the OK button.
6. Click on the Close button.
7. Exit and restart Word.

Adding an Equation Editor Tool

The Equation Editor allows you to easily define complex equations within a Word document. Many other *WordTips* have dealt with how to use the Equation Editor and format equations. Normally, you use one of these two methods to start the Equation Editor:

- Double-click on an existing equation originally created with the Equation Editor.
- Choose Object from the Insert menu. Word displays the Object dialog box. Choose Microsoft Equation from the list.

If you use a lot of equations in your documents, these methods can quickly become tedious. To make life easier, you can add an Equation Editor tool to any toolbar. To add the tool, follow these steps:

1. Choose Customize from the Tools menu. Word displays the Customize dialog box.
2. Make sure the Commands tab is selected. (See Figure 3.)
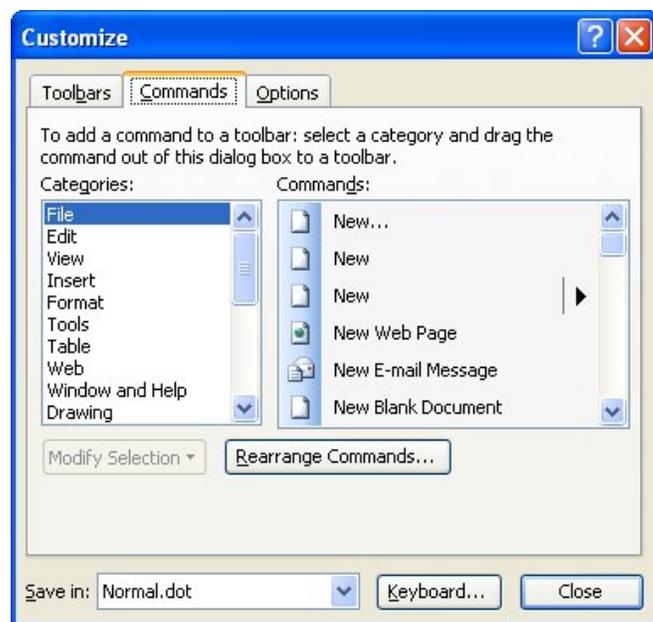
Figure 3. The Commands tab of the Customize dialog box.

3. In the Categories list, choose All Commands.
4. In the Commands list, choose Insert Equation.
5. Drag the Insert Equation command to a position on an existing toolbar.
6. Click on Close.

Now, to invoke the Equation Editor, just click on the new tool. When you do, the Equation Editor springs to life, ready to help you.

Excel Tips

Automatically Numbering Rows

Libby wants to insert a row number into column A of her worksheet. She wants the column to reflect the correct number of the row, even when she adds or deletes rows.

There are any number of formulas you can use in column A that will return a row number. Perhaps the easiest is to use the ROW function, like this:

=ROW()

This formula returns the row number of the cell in which the formula appears. If you want to offset the row number returned (for instance, if you have some headers in rows 1 and 2 and you want cell A3 to return a row value of 1), then you can modify the formula to reflect the desired adjustment:

=ROW()-2

Of course, the ROW function isn't the only candidate for your formulas. You can also use a formula that actually examines the contents of the adjacent column (B) and return a row number only if there is something in that adjacent cell.

=IF(TRIM(B1)<>"",COUNTA(B1:B1)&".","")

This formula, placed in cell A1, examines the contents of cell B1. If there is something there, then the COUNTA function is used to count the number of occupied cells between cell B1 and whatever cell is to the right of where this formula is placed. The formula also places a period after the row number that is returned. Make sure the dollar signs are included, as shown, and then copy the formula down as many cells as necessary to create your row numbers.

The advantage to a formula such as this one is that it checks to see if something is in column B before it returns a row number. This means that you can copy the formula down beyond the actual end of your data rows, and only those rows that have data (triggered by something in column B) will have a row number. The same sort of technique could be used with the ROW function instead of the COUNTA function:

Adding Text Boxes to Charts

When you create a chart from your Excel data, you may want to add text boxes to the chart for any number of purposes (copyright statement, explanation, notes, etc.). There are two quick ways you can add a text box.

The first method is to use the Drawing toolbar. Simply make sure it is displayed, then click the Text Box tool. The mouse pointer changes to crosshairs and you can click and drag to outline the text box you want created.

The second way to create a text box is to use the Formula bar. Make sure you select any part of your chart except a title or data label. Click in the Formula bar and start typing what you want to appear in the text box. When you press **Enter**, the text you typed is placed in a text box in the center of the chart. You can then move and resize the text box, as desired.

Advanced Filtering

There are some situations in which AutoFilter just doesn't have the muscle you need when processing your data. For instance, you might need to perform a calculation in a filter comparison. In these cases, you can use the advanced filtering capabilities of Excel.

Advanced filtering requires that you set up a criteria range in your worksheet. This criteria range is not part of your data list, but instead is used to signify how you want filtering to be performed. Typically, you would place your criteria before your data list, but you can also place it after. The important thing is that you separate your criteria from you data list by at least one empty row. Otherwise, Excel may think that the criteria are part of the actual data list.

The criteria are entered in your worksheet such that each column represents a different logical AND comparison, and each row represents a different logical OR comparison. If this sounds confusing, don't be concerned. An example will help clear things up.

Let's say you have a data list that starts in the sixth row of a worksheet. You have set aside the rows above this to specify your filtering criteria. The data list contains columns that describe information in your inventory. There are columns for item numbers, description, location, quantity, value, and the like. There is also a calculated column that indicates the profit derived from each inventory item.

At some time you may want to filter your data list so it shows only a limited subset of your inventory items. For instance, you might want to see only those items for which the quantity is over 2500 and profit is less than 1000, or those items where the quantity is greater than 7500, or those items where profit is under 100. (This is much more complex than you can perform using an custom AutoFilter.)

To set up such a filter, all you need to do is set your criteria. In this case, you would use cells A1:B4 as follows:

	A	**B**
1	Quantity	Profit
2	>2500	<1000
3	>7500	
4		<100

In this example the first row shows the field names to be used in comparisons, while the second through fourth rows define the actual comparisons. Notice that because there are two tests in the second row, these are considered an AND condition, and those on the other rows are considered OR conditions.

To apply these filtering criteria, follow these steps:

1. Select any cell in the data list (not in the criteria).
2. Choose Filter from the Data menu, and then choose Advanced Filter. Excel displays the Advanced Filter dialog box (See Figure 1.) with the address of your original data table already filled in, in the List Range box.

Figure 1. The Advanced Filter dialog box.

3. Select the Criteria Range field. The insertion point should appear within the field.
4. Use the mouse to select the criteria range, cells A1:B4.
5. Click on OK.

Moving Drawing Objects

Over the course of many *ExcelTips* you have learned different ways to create objects using the drawing tools provided in Excel. If you later want to change the positioning of these objects, you can do so in this manner:

1. Using the mouse, point to the shape you want to move, and click on it. Excel places small squares or circles called *handles* around the shape.
2. Using the mouse, point to the object. The mouse pointer should turn into a four-headed arrow.
3. Click and hold down the mouse button. Drag the object to the position desired.
4. Release the mouse button.

Calculating Future Workdays

Using Excel to calculate a date in the future is rather easy. If you have a cell (such as C3) that contains a starting date, you can simply use a formula such as the following in a different cell:

=C3 + 3

If you format the cell with the formula as a date, it will be three days in the future.

When you want to calculate workdays, the task gets trickier. For instance, you only want to return a date that is between Monday and Friday. If the starting date was a Thursday, this means the return date should be Monday, even though Sunday is the real day that is three days hence.

One quick way to figure a date three workdays in the future is to use the CHOOSE worksheet function. For instance, let's say you have the issue date for a document, and you store that date in cell B5. If you want cell B6 to show a date three workdays later, then you would place the following formula in cell B6 and make sure it is formatted as a date:

=B5 + CHOOSE(WEEKDAY(B5), 3, 3, 3, 5, 5, 5, 4)

This formula assumes that workdays are Monday through Friday. You can tinker with it to pick a different five-day workweek, if desired.

If you also want your formula to take holidays into account, then you must get a bit more creative. For these instances you can use the WORKDAY function, which is included as part of the Analysis ToolPak add-in. This means that you must make sure the Analysis ToolPak add-in is loaded before you can use WORKDAY. You can check if it is loaded by choosing Add-Ins from the Tools menu. Once the add-in is loaded, you could use the following formula in cell B6 to calculate the target date:

=WORKDAY(B5,3)

After you format the cell as a date, it will show the date three workdays in the future. To include holidays, the simplest way is to set up your holidays in the worksheet. For instance, you might put your company holidays in the worksheet in cells K4 through K10. Then, select the cells and give them a name, such as Holidays. You can now use your holiday rante in the WORKDAY function. Change the formula in cell B6 so it looks like this:

=WORKDAY(B5,3,Holidays)

Now the function will always take your holidays into account when returning a date three workdays in the future.

> **I've learned.... That everyone wants to live on top of the mountain, but all the happiness and growth occurs while you're climbing it.**
>
> **Andy Rooney**

Complications with Windows, NitroPDF and a Large Hard Disk

By Steven Breitbart, NOCCC

Several months ago, I acquired **Microsoft Security Essentials**. Every night when I shut my PC off, Windows would acquire and install updates, or so I thought. One day, I decided to do the updates manually, through Windows Update. I found that the updates for Microsoft Office 2003 failed to install and that similar updates had been failing since August. I was not notified of this problem, but suspected that my PC was vulnerable, despite Microsoft Security Essentials' best efforts.

Investigation using Microsoft's web site and others I found through Google revealed the problem. First, I had to get the error code of the failed items. You get this by going to Microsoft Update, and selecting "Review your update history" This gave a long, repetitive list of updates that failed to install. To get the error code, I needed to look at the status column, and click on the red circles with an "X" in the center and a question mark to the right. Clicking on the description of the file, gives you more details on what the file does and other Microsoft web sites about the file. The error code was 0x52F.

This web site had a description of the problem that seemed to apply. Office is installed on a client computer (I only have one PC, no network) that has a 2 TB hard drive partitioned into C: used for Windows and applications, D: used for data, and F: for miscellaneous. The Office Setup program detects that D has more space than C and copies the Office files to "a hidden local installation source on D." I think this meant that Microsoft Update was trying to update files that had been moved elsewhere.

They recommended obtaining LisTool.exe, LisTool.chm, and LisTool.exe. I downloaded and ran the Microsoft program LisTool.exe, which apparently disables the local installation source – I think. The help file recommended enabling the local installation source. Despite several tries, it wouldn't run again. But leaving everything as is, I was able to run Office and use Windows Update again.

I thought I was done, but when I attempted to open a Word, Excel, or PowerPoint file, I got an error message saying that the "command cannot be performed because a dialogue box is open. Click OK, and then close open dialogue boxes to continue." This error message was covering one that said the NitroPDF.DOT contained macros from Nitro PDF software, which converts file to PDF, which had an expired certificate. I suspect Word now uses the NitroPDF.DOT instead of Normal.DOT, the typical template file. Windows was squalking because macros may contain viruses. It then gave me a choice whether to enable or disable macros. The Details and More Info buttons did not help.

What did help was the Nitropdf web site, which said to uninstall Nitro Professional 5 from my computer, download the latest version of release 5 (Two versions old) and install it. When done, this fixed the dialogue boxes before an Office document.

However, before I made these changes, Microsoft Security Essentials would try to update right before shutting down. Now it doesn't. I also now have a Microsoft Office Live toolbar that shows up every time an Office application, such as Word, Excel or PowerPoint is run. I found that I could not shut off the toolbar and have not yet found out what Microsoft Office Live actually does. I also have the XP Welcome Window now when I start up and an ASP.NET limited account which shows up in User Accounts.

My PC still runs, but I feel like I installed a new radio on my car and now I need to use different gas. I can only hope this doesn't cause problems in the future.

Microsoft Tips

Office 2010
Learn how to customize a workbook or collaborate on a spreadsheet with a teammate. See how to make your data look great by adding diagrams, charts and much more.

The free Excel skills builder training videos teach you clever tips and tricks and show you how to get more from your data by guiding you through short, quick lessons:
http://click.email.office.com/?qs=031a92dfc89447b6f48c893c8f057ed7840c8f013a7087772a6007afc4d9faa508651ad906945253

Microsoft Office Compatibility Pack for Word, Excel, and PowerPoint File Formats
By installing the Compatibility Pack in addition to Microsoft Office 2000, Office XP, or Office 2003, you will be able to open, edit, and save files using the file formats in newer versions of Word, Excel, and PowerPoint . The Compatibility Pack can also be used in conjunction with the Microsoft Office Word Viewer 2003, Excel Viewer 2003, and PowerPoint Viewer 2003 to view files saved in these new formats.
http://click.email.microsoftemail.com/?qs=679560c7bbbaf2b9adcf72535c0eea227428781de6e2d1d7731fe40aa1782d04d29785128e305eb4

Windows Free Photo Gallery Organizer & Editor

Download Windows Live Photo Gallery 2011 for free, powerful photo tools:

http://click.email.microsoftemail.com/?qs=b63327b55df62e99d6454e028f9ffad3fce377affff93cf3de559159efac4ffdba700ba759513ca5d

Tips for Printing Digital Photos At Home
http://click.email.microsoftemail.com/?qs=b6175f35a9d155b4adf28a4b219b69ea14cbd2aadfbbad8bc74d1f585f7fa46620c0f780809270b1

Do a Clean Sweep: How to Delete Unwanted Files and Programs
The following instructions describe how to safely—and easily—uninstall old or unused programs and remove files from your Windows-based computer:
http://click.email.microsoftemail.com/?qs=b6175f35a9d155b498fcb5de45bb1d94097561734ce67302ba7ade46c29fd156aed183c510a44ca8

Products Available for Review

The NOCCC regularly receives copies of books and sometimes software from vendors for our review. **We can also request specific products for you to review.** These reviews are published in this newsletter, the Orange Bytes. **Then, you get to keep the book or software.** If you are interested in doing a review, please send an e-mail to **reviews@noccc.org** and provide your membership number, phone number, and e-mail address. You can pick up the product in **the lobby of Irvine Hall between 9 A.M. and Noon** at the regular monthly NOCCC meeting after a new Reviews Editor has been found.

Note to Reviewers

- ❖ You have 2 months to submit a review. Due-cause time extensions must be requested from the Reviews Editor.
- ❖ You must leave a security deposit (check, credit card number, or cash equal to the product's list value.), returnable upon our receiving an acceptable review.
- ❖ If you decide to return the product without reviewing, there is a $2 penalty after the first month and a $5 penalty after the second month.
- ❖ Guidelines for preparing your review are addressed on the next page.

Books

Social Networking & Internet

New: The Internet for Dummies – Authored b7 Levine & Young from Wiley. MSRP=$25.

Twitter for Dummies – How to connect with others in 140 characters. Book by Fitton, Gruen, & Poston from Wiley. MSRP=$22.

New: Twitter Marketing for Dummies – Use Twitter to build your network, spread your message, & communicate with your customers. By Kyle Lacy from Wiley. MSRP=$25.

New: LinkedIn for Dummies – How to join & use the largest online network for professionals. By Joel Elad from Wiley. MSRP=$25.

New: Mom Blogging for Dummies – Learn how to set up your blog and use it to sell your products & services. From Wendy Piersall from Wiley. MSRP=$25.

New: The Back Channel – How audiences are using social media & changing presentations forever authored by Cliff Atkins. From New Riders. MSRP=$35.

The Digital Afterlife – How to secure your digital assets for your heirs. By Evan Carroll & John Romano from New Riders. MSRP=$25.

Mining the Social Web – Analyzing data from social media sites by Matthew Russell. From O'Reilly. MSRP=$40.

Digital Photography & Design

New: The Photoshop Elements 10 Book for Digital Photographers – Authored by Scott Kelby & Matt Kloskowiski from New Riders. MSRP=$50.

New: Adobe Photoshop Elements 10 Classroom in a Book – The official training workbook from Adobe Systems. From Adobe Press/Peachpit Press. MSRP=$45.

New: The Portrait Photography Course – Principles, practices, & techniques. By Mark Jenkison, from Peachpit Press. MSRP=$40.

New: Professional Portrait Retouching Techniques for Photographers using Photoshop – Learn how the pros do it. By Scott Kelby, from New Riders. MSRP=$50.

Canon PowerShot G12 – From snapshots to great shots by Jeff Carlson from Peachpit Press. MSRP=$25.

The Photoshop Elements 9 Book for Digital Photographers – New Riders book by Scott Kelby & Matt Kloskowski.MSRP=$50.

New: Adobe InDesign CS5 Classroon in a Book – The official training workbook from Adobe Systems. Includes a CD. From AdobePress. MSRP=$55.

Real World InDesign CS4 – This book covers the waterfront on Adobe's new design suite. Authored by Olav Kvorn & David Blatner, it is published by Peachpit Press. MSRP=$55.

Norton Tips

App Attack!: Four Things to Think About Before You Download
Are you prepared for an app attack? With the huge rise of mobile computing, the amount of malware, spyware, viruses and things we haven't even thought of yet is bound to grow:
http://response.nortonfromsymantec.com/servlet/cc6?kPuHglLJQ WTWTQSWVlLKtplxjhHKjmggLjQJhuVaVRVXLX

Scared Silly: Tips to Identify and Avoid Scareware
It combines a classic scammer motivation – fear – with some pretty convincing technological fireworks. Scareware preys upon our fears to make us take actions that ultimately end up compromising our own security:
http://response.nortonfromsymantec.com/servlet/cc6?kPuHglLJQ WTWTQSWVlLKtplxjhHKjmggLjQJhuVaVTSVXLX

Java for Programmers

Reviewed by Anson Chapman, NOCCC SIG Leader
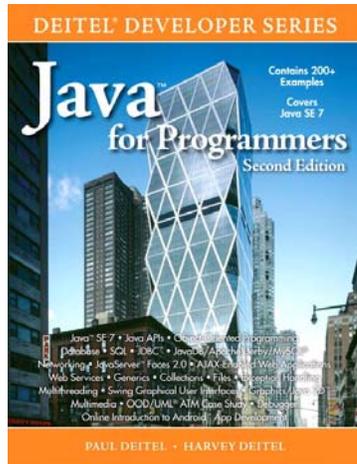
Java for Programmers book by Paul J. Deitel and Harvey M. Deitel. Published by Prentice Hall Deital, Developer Series.
ISBN-13: 978-0-13-700129-13;
ISBN-10: 0-13-700129-0
List $48.
$33 from amazon.com.

This is one of the many Deital Developer Series books published by Prentice Hall. It is incredibly large at 1155 pages. It includes at least 220 examples which can be downloaded and run. There are 25 well-organized chapters as well as an extensive appendix of 10 sections. Additionally it is well indexed. There is a wealth of resource information contained here that goes beyond teaching Java and should be examined in light of the readers' needs.

Java is a reasonably modern widely used programming language with many adherents and has become a standard implementation language (along with C, and C++) across a diverse set of hardware platforms ranging from smart phones, tablets, and large servers. A subset is also used on many imbedded hardware systems.

This book is good and I definitely recommend it, especially as a reference for Java development; however its intended audience is a bit puzzling since it also includes a great deal of emphasis on software engineering including topics such as UML. The design is more of a teaching tool then one that is for readers learning by themselves. That being said, I would recommend it for its examples and introduction to many topics not normally covered in many books on Java. However, it also misses some topics such as jQuery and editors / debuggers (Appendix J describes the debugger package that comes with the SDK). It is not an editor and the package uses the basic command line. The book also does not discuss Android (smart-phone and tablet development).

The technique of interspersing tips such as "Good Programming Practices" and "Software Engineering Observations" throughout each chapter increases the value of the book as a teaching tool.

It is this reviewer's opinion that the book would have been better handled as two smaller books, a beginning one and then advanced topic one. As a result of the current design, the book is a bit clumsy in that reading and working using a book this size is a bit much. Additionally, the text is extremely dense especially compared to other books and needs to be read very carefully so as not to miss anything important.

It is recommended that you download the source code for the examples, read the first chapter on the Java development environment and, if you do not have the appropriate Java package installed (the book uses Java Standard Edition SDK version 6), go to the Java web site and download and install it. You cannot really use and understand the book without the examples.

Since the Java SDK does not come with an IDE (Integrated Development Environment) and you can use any text editor to create Java programs, it is recommended that you use a GUI IDE such as Eclipse or Netbeans. These have the advantage of being free open source and have their own built in debuggers. My personal preference is Netbeans, but Eclipse is also good.

Warning: For developers already experienced in C++ and/or C#, Java code will look familiar and in many cases the Java code will behave like them; however you can get into serious problems if you do not study Java's syntax carefully keeping in mind the differences and not just the similarities.

Each chapter of the book starts with an introduction and I recommend that you read that section even if you skip the rest of the chapter. Most chapters have small case studies of classical and practicable functions which help you get a good grasp of the topics being discussed. The first couple of chapters start with the basic history of Java, the World Wide Web, objects, classes the development environment. After that it gets into various topics which I will cover later.

Note: One subject not covered very well if at all is the standard error messages and what their meaning are.

Additional Note: Appendix I contains an excellent case study of am ATM simulator written in Java as a formal project using UML 2. Once you have a significant knowledge of the book, then examining this case study will speed up your understanding Java, software engineering and its topics.

Also, please study the standard Java classes (i.e. names, functions and capabilities) before going on as this will provide knowledge about Java's capabilities and the developer may not need to reinvent functionality that is already present.

Let's continue with a list of the books contents.

Preface
Before You Begin
1. Introduction
2. Introduction to Java Applications
3. Introduction to Classes and Objects
4. Control Statements: Part 1
5. Control Statements: Part 2
6. Methods: A deeper View
7. Arrays
8. Classes and Objects: A Deeper View
9. Object Oriented Programming: Inheritance

As can be seen this covers quite a few topics. And while the books apparent flow is from start to finish; I recommend that the following flow be used instead:

1. Read the "Preface" and "Before You Begin" sections as they contain valuable information.

2. These are mandatory to beginning to understand Java: Chapters 1-6

3. Then study the following chapters about object programming: Chapter 8-10, 20 and 24-25

4. Next study Chapters 7, 13-16

5. After this the GUI and graphics Chapters 11-12 and 17

6. Study the Appendices as they contain a wealth of information especially appendices A-E.

The other chapters cover advanced topics and, in my opinion, should only be studied after considerable work with Java.

The first six chapters cover a great deal of diverse topics and serve mainly as an introduction to Java. These need to be studied in depth as they provide a solid introduction to Java. After that, the chapters on object-oriented programming via classes, methods, inheritance, and polymorphism need to be studied in depth.

The use of strings, characters, data structures and generics (chapters 7, 14-16, 25) show many of the SDK and Java functionality. However, I consider this the weakest part of the book. While it introduces the developer to these topics with some good examples, commonly used data structures such as graphs, trees, queues, lists and stacks are either not discussed at all or are not discussed very well. Other resources besides the book need to be studied in order to help the developer design and use these structures in Java. Additionally strings and characters should have been thoroughly discussed within the first six chapters and the regular expression subtopics should have been removed and added to an advanced topic chapter.

I believe that chapter 13, on exception handling, should be studied next as this is always the weakest part of most software applications and developers need to understand and tap into this functionality in order to improve their applications. This chapter provides very good information on the capabilities of the SDK to provide debugging capabilities.

After understanding this topic the developer should study basic file handling (chapter 14) as well as database operations (chapter 20). These topics are mandatory for the development of practical applications. Even with the size of the book, these chapters do not cover these topics in much detail and, considering the fact that most applications are built using files and/or databases, more effort should have been placed on these topics.

Once these topics are reasonably understood, then starting work on GUI's (chapters 11, 17) and printing (chapter 24) should complete the first phase of learning Java. Here you will learn about widgets such as buttons, list and text boxes as well as combo and drop down boxes. Please also study Appendix E on GroupLayout which is also the layout manager for Netbeans. This helps in building GUI's and Web displays.

For those developers who will be producing applications for the Web, then the chapters on that development (chapters 21-23) should be studied. However I think this is one of the weak points of the book as this is a book to learn how to use the Java language topics on JavaServer and Web-Services appear to be out of place in this type of book.

Recommendation: All in all even with the carbuncles inherent in a book that try's to cover every topic I can and do recommend this book. Its large content, well-delivered topics and minor errors such as no Glossary and an index in such small type it was barely readable, still make it a desirable addition to any Java developer's library.

Addendum: I found that there is a 2nd edition of this book (publ. 4/18/11) which should offer more up-to-date content as well as additional topics, but I have not reviewed it at this time: http://www.informit.com/store/product.aspx?isbn=0132821540

Murach's Java Programming, 4th Edition

Reviewed by Anson Chapman, NOCCC SIG Leader
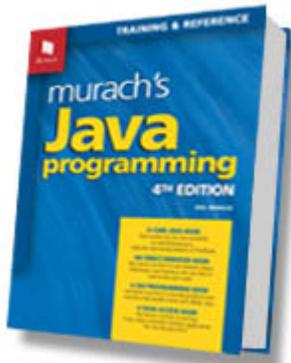
Book by Joel Murach
Published By Mike Murach &
Associates
**http://www.murach.com/books/j
avp/index.htm**
ISBN-13: 978-1-890774-65-3
List - $57.50, Sale - $40.25

This is one of the many books basically published by the author. It is a large book at 802 pages, but nowhere near as large as the Dietel book (see previous review) which ran to 1155 pages. It is advertised as a training and reference book and includes multiple examples. While the Dietel book tries to teach more than Java (UML and software engineering) and falls short on both of those subjects; this book teaches only JAVA its development tools and libraries. Puzzlingly, while it can be used with Windows and Mac PC's it does not cover Linux.

This book is good and definitely succeeds in it goals of teaching Java, however as a reference book it falls a bit short as there is not enough detail about any one aspect of Java to make it a true reference book. However, I definitely recommend it, especially as an introduction (and more) to many of the aspects of Java not truly described in many other books. These are topics such as Netbeans (the standard Java IDE), Derby the open source relational database that comes with the Java development SDK and many other libraries (JQuery, JDBC etc.) most books just mention in passing. It also covers

The book comes in 6 sections, 22 chapters, 2 appendices and an index as well as a last page on where to obtain the books software examples. Strangely, the book's expanded table of contents does not mention the appendices, index or last page while the basic table of contents mentions only the two appendices. This must be an editing error.

Note: Any comments the reviewer has on operations will relate to a Windows environment as I do not have a Mac to try this on.

Here is the books structure:

One of the nice things about this book is its description of various libraries and tools such as Netbeans and JBDC. The first thing that the reader needs to do is go to Appendix A, download all the necessary software and install it on your PC. Remember the version numbers for the software are probably not the same as mentioned in the book, but always use the latest version.

The introduction is a must read for anyone using the book as it does mention the appendices which you must use to set up the required Java packages on your computer as well as other valuable reference material.

The following is a brief review of each section of the book which covers reasonably distinct areas of Java programming (see table of contents above). These essentially cover most of the common Java areas.

Section 1 is a must read. By the end of chapter 5 the reader should be able to use Netbeans and write some custom console applications. Netbeans is the standard IDE (Integrated Development Environment) and this gets the reader started in using Java. Before going on, the reader should use Netbeans as much as possible as proficiency in its use will ease much of the pain in further use of the book. The introduction to it is quite

good. While there are other IDE's available for Java, this one is well worth learning.

Section 2 can be skipped if the reader is familiar with object-oriented programming. However it must be understood that some concepts such as packages, factory-patterns, and type-safe enumerations may need a brief review if you are not really familiar with them, especially in the Java way.

Section 3 is also a must read, here the reader will learn core Java features that will be used frequently. These include arrays, collections, dates, strings and exceptions. I really recommend studying the use of exceptions as these will make debugging software problems easier. Additionally, reading this section will provide an insight into some advanced features such as enhanced for loops, typed collections, generics, and the StringBuilder class as well as the JDK 1.7 try-with-resources statement (very powerful).

Section 4 is also a must read for anyone who desires to build GUI's (graphical user interfaces). This is where familiarity with Netbeans pays off as it will help provide experience with the Swing components used in building forms and Web apps. Once this is done, the reader will then be led through the process of building applets which are a special kind of Java application that can be downloaded from the Internet and run within a web browser. This is a basic introduction to Smartphone and Tablet programming since Java is the accepted standard programming language for the Android operating systems.

Note: This does not give the reader the ability to do Smartphone & Tablet applications. For doing that see the appropriate documentation for Android.

Section 5 is also a must read for anyone who desires to work with files and databases. This section gives a very good introduction to working with text, binary and random access files. It will also give the reader an introduction into XML file processing including StAX (the streaming API for XML). This was introduced with JDK 1.6 so as to allow native processing of XML file and documents. Here also will be an introduction to the Apache Derby database that comes with JDK 1.7.

Note: While Derby comes with the JDK, it is not the standard database used for Android or even iPhone and iPad operations. That database is SQLLite and if it is desired to use that it must be downloaded from the Internet and installed. Also, some of the examples will need to be modified.

Once the Derby database has been mastered, the last chapter in this section shows how to use JBDC with any database. This is a very good introduction which is missing from many other books.

In Section 6 the chapter on threading can be skipped since this advanced topic while covered is very weak. It needs improvement. The chapter on application deployment should be a must read.

All in all this is an excellent intermediate-level book that I recommend with only minor caveats. Its major weaknesses are

lack of work on Web usage as well as detailed looks at the library's API's. The author is relying instead on readers hunting these down themselves. The other major weakness is limited information on Smartphone and Tablet applications.

Facebook Guide for People Over 50

Reviewed by Steven M. Breitbart, NOCCC

Book authored by Paul McFedries; Wiley Publishing Inc., Indianapolis, Indiana. Copyright 2011; 317 Pages

$19.99 list; $13.51 at amazon.com
ISBN 978-0-470-87517-9

http://www.wiley.com/WileyCDA/WileyTitle/productCd-0470875178.html

I'm not a big fan of Facebook. It's like a super email program that splits your incoming email into different categories. The Wall seems like you invite the neighborhood children to paint your house and then you can't do it over when they use green, purple and orange. Seriously, it seems you cannot completely clear your Wall, but you can prevent anyone from posting to it. Though the book was published in 2011, some of Facebook has already been changed and the new timeline format will make parts of it even more obsolete.

Chapter 1 is the introduction and is 37 pages long and was filled with lots of "as we will learn later…" statements, which became a bit annoying. The basic parts of Facebook are covered, such as how to sign-up and how to fill out your profile. What distinguishes this book from other how-to books on Facebook is that the author wants to concentrate on what you can do with Facebook. I could not review a feature called Places, because I don't have a Smartphone. If you have one, Places lets you share your location with friends.

Chapter 2 is about finding friends. Facebook has a sophisticated Friend Finder that searches Facebook, your web-based email address book. Depending on how much information you include in your profile, it can find friends from high school, college, or work. You can also convert your Outlook Contacts into a file that Facebook can use to see if they are already on Facebook. Each time you change your profile your friends are notified. The maximum number of friends you can have is 5,000. However, you can create lists, subsets of your friends, to make the application more manageable. You can also create a group, admittance to which is controlled by the group founder.

It seems you are notified via email whenever a friend sends you a message or changes status or profile. If you have several messages that haven't been read, you'll also get an email from Facebook. The procedure for hiding a friend's updates and removing a friend has also changed since the book was published, but both tasks are easy enough to figure out. You

have the ability to send a message with photos or movies to all you friends, a selected list of friends or to just a single individual. Games and other apps are available through Facebook.

A great expansion of Facebook is the Community Pages which cover practically every subject on earth. Sometimes these pages just take you to the web site of the entity; others have additional content on Facebook. Either might take you to links, blogs, discussion boards or other resources. You can reach these pages by reading the book or by searching Facebook the way you use any search engine.

The next nine chapters provide list after list of Internet addresses on different subjects within Facebook. Chapter 3 is on connecting with family, planning celebrations and gatherings. You can get reminders and send e-cards (using an app) for your friends' birthdays. You can shield the year of your birth from others if you want to keep that information private. There are Community Pages on parenting, grandparents, children, mothers and fathers, genealogy and pets. This is also the chapter that has the procedure to take care of a user's Facebook Page when the user dies. They also have Community Pages on grief.

Page xvii and several other places in the book says there is a Facebook Page, www.facebook.com/FBGseries, that takes you a Page about this book, which includes a list of all the Internet addresses provided, so you won't have to type them in. I was able to get to this location, but could never find the list of addresses. A call to Wiley, the publisher, was no help, but a comment to the author (via Facebook) resulted in an email that said they are available on his own web page: **http://mcfedries.com/FBGForPeopleOver50Links/index.asp**

Chapter 4 is about photography. Two-hundred million photos are uploaded to Facebook every day. You can tag the photos, that is, identify who or what is shown. The tag can be removed later if necessary. This chapter lists Community Pages on photography, jobs in photography, famous photographers, cameras, advice on taking and editing photos. Also, many photography magazines have Facebook Pages.

Chapter 5 is on Politics and Society and lists resources for government, political parties and organizations, museums, history, the environment, charities, volunteer work.

Chapter 6 is about Work and Money. This describes how to create a Page for a business. You can add apps such as a Photography app to display products. Other apps are available. The Events feature can be used to set up meetings and conferences. Facebook ads are available, but are not free, and can be used to target people interested in your product or service. You can drive people to either the Facebook Page or a non-Facebook web site.

This chapter also includes a section on using Facebook to help you conduct a job search. What to include in your profile and other steps you can take are described. The author also recommends becoming a fan of companies you are targeting to look for job lists and job fairs.

Chapter 6 also deals with shopping and saving money. The author again recommends becoming a fan of companies you like, and Pages that compare products, such as pricegrabber.com, ebay.com and epinions.com. Coupon sites are also available to help you save on various purchases. There are similar Pages for savings, investing, taxes and retirement.

Chapter 7 concerns Fitness and Health, sources on fitness, aging, exercise, weight loss, running and others. It specifically mentions Facebook Pages that would be of interest to people over 50 years old.

Chapter 8 covers Arts and Media. Facebook has a thriving community of readers, authors and publishers. If you include your favorite book in your profile, Facebook will list similar books. Facebook has lists of Pages or Community Pages for books and book clubs, official book reviews and reviewers. Other lists are found for music, theater, movies, television and art. Social TV was mentioned, which means that fans of a show watch it with their Facebook friends and make comments while the show is still on.

Chapter 9 lists the addresses useful for Hobbies and Leisure. There are Pages listed for Home Improvement, Interior Design and Do-It-Yourself Community Page. Also Pages seem to be present for every sort of hobby or sport.

Chapter 10 is for Foodies. Recipes are present in Pages from several ethnic groups and regions. There are Pages listed about cooking methods of all types, specific restaurants and chefs, wine and beer and nutrition and diet.

Chapter 11 is about Traveling. There are Pages for IgoUgo, Gadling and well as National Geographic Traveler. You can use the multitude of Pages to get advice for planning trips by air and by boat; sometimes you can make you reservations right from the Facebook Page. Most of the airlines have Pages; there are also pages for getting the best price airfare and hotel rooms.

There are a few pages on security in Chapter 1, but here also, where the book mentions "cybercasing" where crooks look at your Facebook page and if it keeps listing a new location, they deduce you're on a trip and plan a burglary of your home. On Facebook, be deliberately ambiguous about the places you're going and the times you'll be away. In fact, one of my complaints about the book was not enough about security in general and the consequences of not setting it up correctly.

In general, there seem to be a lot of opportunities to find friends and add more people into the fold. It is somewhat similar to AOL when they started; they were trying to be a content provider, so the kids didn't have to use the big, bad world of the Internet for information.

While the book and the index are thorough enough, the glossary is only a few pages long. It is more than enough to get you going with Facebook. But, the program is complicated enough so that you should probably start slowly, with a few known, live friends or family and get used to all that Facebook has to offer.

By Steven Breitbart, NOCCC; Photo by John Krill, NOCCC

We could not find a speaker for this meeting. Again, we are fortunate that President Jim Sanders was available to give us presentation. He talked about the **Barnes & Noble Nook**. Before that however, he had a bit of club business.

Jim paid a visit to ViewSonic to try to get a speaker. The receptionist told him that he needed to speak to someone in HR. That he could only do that via telephone. From their lobby he tried to call and get HR, but to no avail. He asked the receptionist who said to press "0." "Whom will I get then?" "You'll reach me and then I can transfer the call to HR" said the receptionist. The first person in HR was walking out to a meeting, the second person to whom Jim was referred has not returned Jim's message yet. Someday, I hope we'll get a speaker from Viewsonic. I really like their monitors and have used them for years. I'm just glad they don't run my land line telephone.

Jim also mentioned that elections are coming soon, in June, in fact. There is a possibility that the club will be disbanded if we cannot get someone else to run for President and Vice-President. Jim has said that he will not be President again. We also need other people to be on the Board of Directors and do other things like help with the Orange Bytes Newsletter.

A possible merger with ORCOPUG, another local computer club with declining numbers of members was mentioned as a future possibility. Declining numbers of members may make it too costly for us to send out a paper copy of the Orange Bytes Newsletter – a minimum of 200 copies must be sent out to get the bulk mailing rates we now use. Also, remember that Chapman University comps us for the use of the rooms we use every month; it would cost us approximately $9,000 a year if we had to pay for it. The bottom line is that we have a good thing going at Chapman; it would be a shame to see it end.
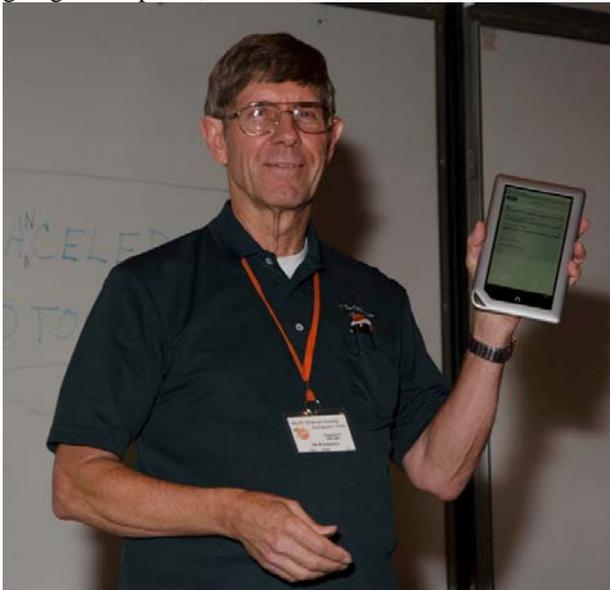
Barnes & Noble sent Jim an email about a 1-day sale on a Nook tablet. This tablet has a touch screen, 16 GB of memory and 1 GB of RAM, expandable to 32 GB using Micro-SD cards. The ad at the Barnes & Noble web site stated that Netflix and Hulu Plus are integrated into the Nook, that you can surf the web, view Facebook page and Flash videos, play games, use email. There are lots of media available from Barnes & Noble: books, music, magazines, both single issue and via subscription You can read a child a story or record the child reading the story. It's also much lighter than a netbook, which weighs about 3 lbs, so it's much handier for reading.

The Nook interfaces with a micro-USB plug and has a headphone jack and a long battery life. The deal was for $199, instead of the going price of $250. Some of the memory used by the operating system and other parts are specifically dedicated to Barnes & Noble media. Clearly, Barnes & Noble is trying to force you to buy your media from them. This means that most Android apps, of which there are thousands, are not usable on the Nook.

Jim was also thinking about buying the Galaxy Tab, when it comes out. Screen resolution on current models is 1024 x 600, but will be going to 1200 x 800. It also uses an organic screen which emits its own light. But Jim bought the Barnes & Noble Nook.

Jim investigated whether it was feasible to replace the locked version of Android in the Nook with a normal version which could use any Android app available. This is apparently called rooting; getting a full version of Android onto your Nook. There are two methods of doing this: generating a complete Android OS on a bootable micro SD card or wiping out the installed OS and installing your own.

Apparently, there are many people who devote a considerable amount of time to develop procedures for doing this. Jim showed us bits and pieces of a YouTube video which purported to have a procedure for doing this. It turns out that the video was over a year old and many of the Internet web sites listed, where one would go to download software to aid in this operation, were no longer active.

Lately, rooting has become popular, but certainly not profitable. All of these steps or procedures are rather involved. XDA developers were found from one of Internet addresses after the video. For one procedure, the microSD card must be reformatted into three partitions, followed by many more, say adjustments. There are still questions whether you put a zipped or unzipped version of CM7 (a version of Android) being used on the microSD card. Jim showed a video of someone who had installed CM7 on his Nook and was then using a standard Android program. In the mean time, Barnes & Noble has made changes to their software to try to prevent rooting from being done.

Jim tried two days to get the microSD procure, which doesn't modify the internal works. So, Jim says he will wait for the microSD card version, if it ever arrives, Right now he will use the Nook as it was intended, an e-reader, for which it works very well.

Another interesting meeting. **See you next month.**

March 4, 2012 Raffle Winners

Photos by John Krill, NOCCC

Dallas Hazleton
16 GB Thumb Drive

Dr. Don Armstrong
*16 GB Thumb Drive &
Car USB Adapter*
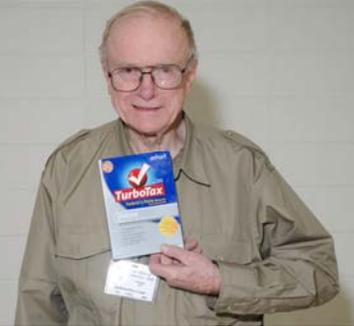
Gordon Strickland
Turbotax 2011

Carl Rau
Blu-ray DVD Burner

Carl Rau
Disk Storage Box

Dr. Pat Adelekan
Disk Storage Box

Martin LaRocque
Car USB Adapter

Terry Dickson
Disk Storage Box

Your photo could be here - but only if you buy a raffle ticket. $1 per ticket or 6 tickets for $5! Remember, parking permits are good for 2 free tickets!

Beginner's Digital Photography

By John Krill, SIG Leader

Slide Shows

Showed some of my own photos from Saturday, March 3, 2012 Patriot's Day Parade in Laguna Beach as well as photos I took in Laguna Canyon while a passenger on a city tram bus. I was able to get motion blur of the wire fence in the foreground while maintaining sharpness of the background. I just used a shutter speed of 250 of a second and focused on the background. It's all hit or miss. You never know until you get back to the computer if you were successful. Of 6 or 7 photos I took this way, only one was satisfactory to me.

This led to going over the Sea Gull photos I'm always taking down at the beach. For these photos, I set the camera focusing method to continuous. Once you lock the focus on a subject the camera will automatically track the subject and keep it in focus. It takes practice and however much you try, probably only 5% will ever be worthwhile. But, that's the beauty of digital. Take all the photos you want. It's free. If they don't work, then just delete them. You can see examples of both photos on our SIG BLOG: http://wp.me/pPf82-dF

Sending large image files via the Internet

I generally use SendNow.Acrobat.com to send photos over the Internet. Most e-mail applications will not let you send large files so apps like SendNow help save the day. I already reviewed some of the Internet Web sites that provide this type of service. You can read my review of these sites via the NOCCC Beginner's Digital Photography SIG BLOG here: http://nocccbgphotosig.wordpress.com/2011/07/16/delivering-large-files-over-the-internet.

Embedding Date/Time or GPS Information onto Your Photos

This has been an ongoing question that still hasn't got an answer. I will try over the next month to get everyone an answer to this riddle. The data is in the photos' Metadata; the problem is using it. Wish me luck.

Recording All Your Valuables with Your Digital Camera

I will be researching what we need to do in order to record all our personal or business valuables. This may include the proper way to photograph items, what detailed information is needed, and how and where to store this information.

This will be the primary subject for the next meeting.

Picasa?

I was going to cover the latest version of Picasa in the March meeting. This is still on the To Do list. I still think Picasa is one of the better applications for keeping track of all your digital photos. And it's FREE.

Will the Cell Phone Replace the Point-and-Shoot Camera?

The cameras inside that latest iPhones have gotten much better. But, that's not why they may replace Point-and-Shoot cameras. The reason is the iPhone is everything you can do with the photo AFTER you take the picture. Want to send the baby picture to grandma? No problem. Want to put the baby picture online at Flickr or Facebook? No problem. Want to add it to a blog posting. No problem.

Now try doing any of this with your Point-and-Shoot camera. The only place it can go is the computer. You carry your computer everywhere you go? And once it's in the computer how many steps are required to get that photo to grandma or up to Facebook?

IPhone Volunteer Needed

Anyone with an iPhone willing to give our SIG a short demonstration on using the camera in your phone?

Also - I'm Still Hoping That an Android Pad User Will Volunteer.

I would like to demonstrate Adobe's new Photoshop Touch App (http://tv.adobe.com/watch/adobe-touch-apps/what-is-adobe-photoshop-touch/) I will pay you to install the software App on your Android ($10.00). Anyone interested?

Standard Stuff That Is Always In This Report

This report should be up on the SIG's blog. I may go into greater detail and I will include screen shots as well.

If you have a special request for information regarding digital photography let me know. E-mail me using the address listed below.

Check out the SIG Blog for other information and maybe info on what we will discuss at the next meeting.

As always we will answer any and all questions.

If you have a special request for information regarding digital photography let me know. E-mail me using the address listed below.

See you at the next meeting.

Note: I am using a new Web location for the photos I take at the meeting. I now upload the photos I take to Microsoft SkyDrive. A link will be put here every month to the folder with that month's photos. SkyDrive Photos for the March 2012 Club Meeting: http://tinyurl.com/7u2l2dn

PS: If you saw the actual link to the photos you would think it never ended. It's the longest link I've ever had to deal with. Solution is the TinyURL web site. Give it a really long link and they give you a nice short one. That's the link you see above.

SIG Blog: http://nocccbgphotosig.wordpress.com/

Email: noccc.bgphotosig@gmail.com

This SIG meets in Science 131A at 9:00 a.m.

Advanced Digital Photography

By Larry Klees, SIG Leader

Last Month

Some of our members got new state of the art cameras for Christmas and a member brought one of them for our examination at the March meeting. It was the Nikon 1 V1 Digital Camera with 10 - 30mm & 30 - 110mm Lenses - 10.1 Megapixels, 3" LCD, HDMI, USB, SD Card Slot. All of this fits into a pocket size camera (if you have a large pocket) and it sports a large

Larry

13.2mm x 8.8mm CMOS sensor chip to ensure that those pixels are of high quality. The thing that interested me the most was the high quality of the viewfinder. Being able to hold the camera up to your eyeball steadies the camera and lets you see better under all lighting conditions. The display is high resolution, very bright, and exhibits no discernable lag time (these features have been lacking in the vast majority of other digital electronic viewfinders).
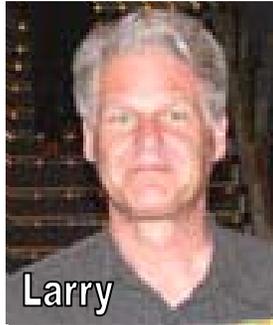
We discussed a variety of topics; but one of the more surprising questions that came up was "Are sunshades worth the bother and why are they shaped with petals?"

The photo at the right demonstrates what happens when excessively bright light enters the lens and ricochets off the insides of the lens housing and the surfaces of the lens elements. When the sun or some other very bright light is directly in the image, you get flair. In this case the flair was done deliberately, but most of the time, this sort of flair with its colored blotches & reduced contrast is undesirable. Even if the sun in not directly in the image, it is so bright that if any light hits the front of the lens some of it still causes flair which degrades the photo. An aid to reduce this problem is the sunshade.

One of the members mentioned that in extreme cases you can count the flairs to determine the number of elements in the lens. This seems quite reasonable to me; but, I'm not sure just what

conditions are required. The Tokina 11–16mm zoom lens used to take this photo has 13 elements arranged in 11 groups.

A closely related topic is that if you count the number of rays around the highlights and divide by two, you will get the number of blades in the iris of the lens. For example, there are 18 rays around the sun in the above photo and 9 blades in the iris of the lens.

The image to the right shows (from left to right) a sunshade for a 70–300mm lens, a sunshade on an 18–105mm lens, and a sunshade for an 11–16mm lens. The sunshades are placed on the lens with a twist and snap. Most can be turned around

backwards on the lens for storage.

The image below is a composite of two photos.

As an experiment, the sunshade for a wide angle lens was attached to that lens with tape so that the sunshade was effectively about an inch longer than normal to cause the sunshade to actually show around the edges and corners of a photo taken with that lens. The first photo was then taken of a checkerboard pattern on a computer display through the extended sunshade and the petals do show as a shadow around the edges of the photo. (Note that the shape of the petals now looks more or less rectangular - hence the petals.)

A second photo was taken of the camera with its wide-angle lens and extended sunshade. This photo was superimposed on the center of the first photo.

The edges of the sunshade's side petals in both photos have been colored orange. The edges of the sunshade's top & bottom petals were colored green while the flat portions were colored red. If you compare the corresponding edges you can see that the odd petal shape of the sunshade actually forms a rectangular border. The crooked trapezoid shape was caused by extending the

sunshade in an uneven manner. The red edges mark portions of the sunshade that would be excessively long (= more expensive and prone to breakage). You can see that these trimmed portions of the petals cause only a very small cylindrical bulge.

So, the petal shaped sunshade provides the maximum possible protection from stray light entering the lens without showing itself in the photo. In the case of zoom lenses, the shape of the sunshade must be optimized for the widest angle of the zoom as some lens flair is preferable to a photo with a funny black border.

We also talked at some length about dpreview.com as an excellent source of information about cameras and lenses.

At the April meeting

Another of our members got new state of the art camera for Christmas and volunteered to bring his Canon S100 for us to see. This camera will fit in almost any pocket, has a wide range of controls, and takes great still shots and HD movies.

Sometimes a beautiful sunny day can work against you and add harsh shadows to your photo.

I will demonstrate an easy to use multifunction tool that can solve this and other problems in a few seconds.

Gaffers tape — what is it and why do you want to use it?

I will demo my sling camera strap. There are times it can be extremely useful.

For all the effort and money we spend for lenses with wide apertures and cameras with high ISO's to be able to capture every last photon possible, why would you want a neutral density filter to stop the light from getting into the camera? Time permitting, we will find out.

This SIG meets in Science 131A at 10:30 a.m.

PC Q&A

By Jim Sanders, SIG Leader

I had intended to do a small show and tell of the Barnes and Noble Nook Tablet at the 10:30 AM Q&A SIG. Because I was not able to find a presenter for the Main meeting, I decided to expand the presentation on the tablet so that it would at least fill the Main meeting presentation time.

As there were only approximately 23 people at the Main meeting, for those of you who missed it, this is the story. I have been using my Asus Eee PC net book as an e-book reader for several months. In a number of ways it actually works fairly well, but I have two major complaints with it. The first is that being a net book with a reduced keyboard, I have to hold down the function key with one hand to enable using the Page Down or Page Up keys with the other hand. Awkward, to say the least. The other is weight. At just under 3 pounds, holding the unit while trying to lie in bed and read is tiring.

I like having my cake and eating it too. So I was torn between a full-blown tablet and a minimalist black-and-white e-reader. At $250 MSRP, the 7" Nook Tablet seemed like a possible compromise. Because Barnes & Noble is offering a piece of hardware that has most of the features of considerably more expensive tablets, possibly at a loss but certainly at very little profit, they have blocked the unit so that you are only able to purchase books, magazines, and apps from their website. This MO is modeled on the Gillette razor blade marketing scheme. I had read articles outlining how impressive the hardware content of the Nook Tablet is when compared to other popular 10 inch tablets. It became even more intriguing after reading several different articles about how the Nook could be hacked or rooted to install an Android operating system that was not locked into using the Barnes & Noble website.

The articles outlined how, once the standard Android operating system was installed, you could go to the regular Android Marketplace and get thousands of apps for free. Not to mention having access to the hundreds of thousands of apps that are available for money, compared to the mere thousands of apps on the Barnes & Noble marketplace. So, when I got an e-mail from eBay announcing a one day sale on the 16 GB Nook Tablet for $199, the gadget freak in me took over. I did some new Google searches on hacking the Nook Tablet and I was excited by the results.

I ran across a 23-minute long YouTube video that gave step-by-step instructions on how to create a micro SD card that you could insert into the Nook Tablet and have it boot from the micro SD card while leaving the original Barnes & Noble operating system intact. This meant that I could have the best of both worlds. I wouldn't run the risk of breaking my brand-new tablet, in the hacking/rooting world this is referred to as "bricking" your unit. Also known as turning it into an expensive paperweight.

So, I ordered the unit!

It arrived in five days. I dutifully charged it overnight as recommended. I turned it on and started going through the setup procedure. One of those steps involved watching a lovely young lady talk about all the wonderful things my new tablet could do. I was impressed with the color and clarity of the video and all the neat things that it showed the tablet doing. I set up my Barnes & Noble account, which requires a credit card, and tried to do a few of the things that were outlined in the video. I quickly decided that reading the user's manual would be a good idea and was initially a little surprised to find that it is 141 pages long. But after getting into it for a few pages, I understood how

the many different features, and some subtle ones at that, needed explaining. In the process, I discovered that my futile efforts to mark, copy, and paste were futile because this feature is not currently implemented in the Nook Tablet.

After a few hours of playing, I went to the video tutorial on how to root the NOOK, and started following the step-by-step instructions. It was only after getting a "404 error" on the third link mentioned in the instructions and getting rerouted to a website that offered to sell the domain name of the fifth link that was referenced, that I noticed the date on the video was April 15, 2011. So over the next two days I spent a lot of time on Google trying to find the current step by step instructions that would let me create a bootable micro SD card. In the process, I learned quite a few different things. First, this is a rapidly changing area of the technology that we deal with and something that is only weeks old may have already been superseded. http://forum.xda-developers.com/index.php is the primary source of information on how to hack/root android devices. It is a large group of developers/programmers that attempt to modify a standard Android release - say version 2.4.3 - so that it runs correctly on a given piece of hardware and can replace the current operating system.

It is a huge forum and poses a number of problems for a "user" just trying to learn how to root his/her phone or tablet or what ever. http://raywaldo.com/2011/04/xda-developers/ is a site that talks about some of these problems. To give you an example, in the subsection of the forum that deals with: **Android development for the Barnes & Noble Nook Tablet,** there are - Threads: **76,** Posts: **5,251.** I tried to read and search through all of that to find what I wanted, the complete step by step procedure to create a bootable micro SD card for my NOOK Tablet. I found that there are multiple developers that are trying different approaches to doing the same thing. Some are just variations on another's work and some are fresh approaches. Some talk about how the partitions on the micro SD card are not Windows compatible but if you download a special program, you can deal with them in Windows. Others talk about how much easier it is to deal with them in Ubuntu Linux.

I learned that as of February 2012 the answer no longer existed because Barnes & Noble had force-downloaded the 1.4.1 version of their OS which was modified to prevent some of the rooting approaches from working (I guess they don't like NOOK owners being able to purchase media from a source other than Barnes & Noble.) The latest posts that I read seem to indicate that a "released" version of the rooting instructions should be available in mid March. There are some people on the Web that will sell you a finished, bootable, micro SD card so that you can avoid the hassle that I have been going through. But I want to see if I can rise to the challenge and create it myself. With a little luck, I may be able to show you the result at the next meeting. Till then………………

Jim's two SIGs meet in the Irvine Hall at 10:30 a.m. and 12:30 p.m., respectively. The first is the Beginner's PC Q & A and the second is for everything and everyone else.

Understanding Operating Systems

Charlie Moore, SIG Leader

Tthis SIG is lead by Charlie Moore and is a continuing discussion group about Operating Systems for computers.

This SIG meets in Science 111 at 10:30 a.m.

Linux Desktop & Administrator

By Bob Ray, SIG Leader

Bob did not submit a report.

*These SIGs meet in Science 131 at 9:00 a.m .and 10:30 a.m.*

Visual Programming

Anson Chapman, SIG Leader

This SIG is lead by Anson Chapman and is a continuing discussion group about computer programming using Visual Basic, Visual Basic Script, Visual C, Visual C++ and Visual J++ for Beginners.
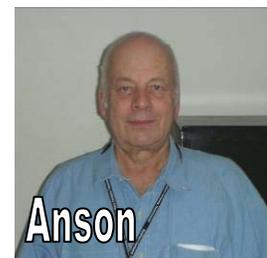
This SIG meets in Science 111 at 9:00 a.m.

Laptops, Smartphones, and Social Media

By Dr. Pat Adelekan, SIG Leader

No SIG report was received.

This SIG meets in Science 109 at 9:00 a.m.

Microsoft Office

Tia Christian, SIG Leader

These sessions are open forums for problems incurred using Microsoft **Word**, **Excel**, **Outlook versions 2003 to 2007, and Open Office** and their resolutions. During these SIG sessions, different topics will be discussed during each session on these four software applications and their functionalities. *Tia welcomes your attendance. The more in attendance, the better the SIG session!*

This SIG meets in Science 306 at 9:00 a.m.

Visual Basic for Applications
(Access/Excel VBA)

By Bob Dickson, SIG Leader

The **February** session ran overtime due to digging into working with the Menu function. I tried several different ways during the month to get a menu item to work, but just couldn't get it. The problem was that the menu isn't available to click on when a user form is open. But that's what I was trying to do: eliminate command buttons on the user form and have the operator click on a menu button. Richard uses the menu method in his programs, but he doesn't have user forms open when he's clicking on the menu item. OK, after some discussion it became clear that I'd have to rethink the sequence of functions in my program. Richard demonstrated one of his programs to show me how to define a menu item and the individual actions in a drop down list. It works great in his application. I have to do some thinking about how my application might be modified to incorporate the menu item outside of the user form. Another activity that used some time was trying to locate some help for the Menu Item in the VBA/VB Help function. It's not intuitively available. Bummer. Well, that's why we have these SIG sessions. Friends helping friends. So now I have some work to do before the March session to see if I can demo using the Menu item in my Excel program. Another person in the room was pleasantly surprised to find out that VBA is available in Excel.
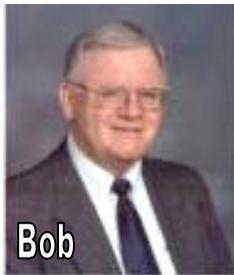
That person knew about VB and Access VBA but did not know that VBA was also available in Excel. We're always glad to 'turn on the lights' and help someone advance in their understanding of these technical languages. Because of the other person's interest, we also demonstrated some VBA in an Access application I'm developing.

We're here to share and to learn. Come up to Sci 306 at 10:30 am and share your knowledge or ask your questions.

The **March** session got into the Menu Items feature in detail. I did some preliminary work on building a menu item with a couple of sub-menu items during the month. I found it confusing as I couldn't really find any clear explanation in the VBA Help (that's been an all-to-frequent occurrence in my times trying to get answers in the Help function) for working with Menus and Menu Items. Richard's mentoring was wonderful. He coded a sample program with a Menu item and a couple of sub-menu items. I followed his lead and made good progress. However, it was still confusing how the compiler kept creating Macros every time I wanted to create a menu sub-item. At the Sunday session I opened my program and Richard and I went through the process and the code in detail. It's a lot clearer now. Richard showed me how to bypass the use of macros and just create my own procedures in the code. That was a real timesaver method. However, I still want to go deeper into using macros since that seems to be the preferred method in the compiler. Always more to learn in these modern languages.

We had a good discussion about when to use the menu item versus command buttons. My experience during my working career was using User Forms which contained command buttons. I didn't have much experience using Excel beyond just rows and columns. Most of my work was in Access, and some in Visual Basic directly. The menu is inoperative when the user form is open so I couldn't see the benefit of the menu item. In our discussion it became apparent that it's a system design decision considering the specific application. If one has an application that is built around the worksheet then the menu item is a great way to avoid cluttering the worksheet with command buttons. But, if the application works better using the user form, then the design will include command buttons on the user form. Another suggestion from Richard was to use a dropdown list rather than have a string of command buttons taking a large section of the user form. I liked that suggestion.

I'm going to rework my application and try using the dropdown list of command options to limit the number of command buttons currently covering the lower left corner of the user form. Come up to Sci 306 at 10:30 am. Share your knowledge / experience / questions with us. If you don't learn anything, maybe I will. Thanks.

This SIG meets in Science 306 at 10:30 a.m.

I've learned.... That the easiest way for me to grow as a person is to surround myself with people smarter than I am.

Andy Rooney

Microsoft Access

By Bob Dickson, SIG Leader

The **February** session continued working on Helen's Doll collection. During the month I upgraded the main form that opens when the systems starts up (the Switchboard form). It now includes command buttons to display dolls based on specific characteristics such as hair color, gender, standing or sitting position, etc. This saves having to display every doll when the operator only wants to view a specific doll or subset of dolls. This requires opening a form that is populated using a query that selects records based on the specific contents of the field before the form is opened. A common form was copied for each field to be selected so that the forms are all the same, only the content varies. There are two reports designed so far. We'll work on some more reports next month. One report lists all of the dolls in the database without pictures while the second report lists the doll with its picture, four pictures to a page. The goal is to transfer all of the data currently in three-ring binders into the database. Much of the time was spent determining the correct ID number for each picture in the manual files.

Helen completed taking pictures of all of the dolls but the pictures weren't all in the sequence desired in the database. We manually walked through the pictures and wrote down the desired ID number for each one. I will update the data in the files and complete populating the database before the next meeting. This is a 'fun' project of the kind that is educational as well as personally rewarding for the participants. Come up to Sci 306 at noon. We end at 1:30 pm, in time to get to the main meeting.

March was the session of delivery. Helen finally has her 'doll-lightful' database. During February, I was able to rework her file of doll pictures and prepare them for inclusion into the database. For the form to display each picture, I created a form with a colored background and bands of hearts across the top and bottom of the form. It made a colorful and attractive display, much more appealing than a dull business-format form.

Again, this was an attempt to show the versatility of Access to build a user-friendly application rather than just using the standard system defaults. Since it's not likely that one would want to have to display every picture preceding the picture desired, I designed into the master form command buttons to specify particular codes to use to retrieve a subset of the database records. A picture, or subset of pictures, could be specified by hair color, gender, name, position (standing, sitting, or laying down), or reference number (each doll has a unique number). The same selection capability was provided for printing lists or pictures of the dolls.

Helen was very pleased with the result. The folder containing the Access program and her dolls picture file was copied to a flash drive and then copied to her laptop computer. A little glitch arose: my system operates using Windows 7; her laptop uses XP. After copying the database and system to her computer, we found her system did not have the same text format as my computer so the forms and lists were not the same

when she displayed them. It was necessary to go into her computer and change the font name to be able to display the dolls on her computer. And, that required changing the display size of some of the label fields. It all worked out and Helen is very happy with her new database. So, in April we'll head off into new territory, exploring the many features and capabilities of this wonder language. Come up and share your knowledge or ask you questions with us in Sci 306 from Noon to 1:30 pm. We'll be out in time to get to the main meeting.

This SIG meets in Science 306 at Noon.

Dolls Pics
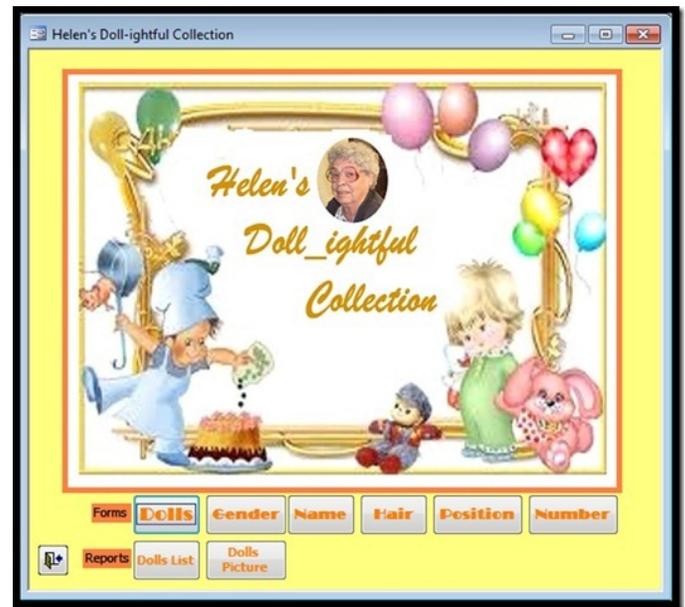
ref	dollname	category	position
1	The Velvet Lady		Standing
2	Betty		Sitting
3	Michael		Sitting
4	Clown Doll	Clown	Standing

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From the Desk of the Membership Chairman

By Ben Lochtenbergh, bal@msn.com

O ur club membership, reported by our treasurer John Heenan, is again 172. For December, January, and February we have no decline in membership. Are we experiencing a stabilizing trend? Despite the ubiquity of the Internet, is there still a use for face-to-face contact? Amazon, Facebook, and others are reportedly experiencing a backlash from brick-and-mortar alternatives. Is a renaissance of computer clubs the next new phenomena?
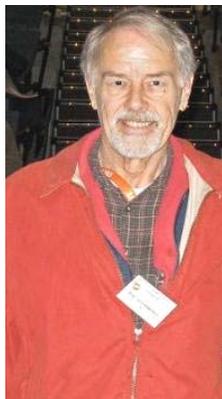
A way to increase membership is by having another computer club merge with NOCCC. Some headway has been made with overtures to ORCOPUG about 15% our size in membership. First problem: we meet on Sundays, they on Tuesdays. Essentially, it would mean that ORCOPUG goes away as an entity and all of its members become members of NOCCC. Potentially there are a number of advantages to the members of both clubs. But as of this writing, it is only being explored.

At the end of the March 5 board meeting, Ted Littman announced he will resign from all his positions in the club. This

came as a shock to me and most if not all. Ted has been so good in providing us with the Orange Bytes and books at the review desk for as long as I know NOCCC. He said: "I will not serve out my term," "I'll be willing to support my replacement." He went into some details that I can't remember, since I'm not familiar with what he does. It will be as hard to replace him as it will be to replace Jim. Interestingly, the other computer club is said to have an unbelievably good newsletter editor, an excellent website, and a president who served in that capacity since 1985! I have yet to meet these people and view their website which is www.orcopug.org. It could become crucial should our communications fall apart for a number of months.

Mobile Computing SIG

By Ben Lochtenbergh, SIG Leader

W e looked at the new Favorite App feature in our Access database. I already entered my favorite app "OurGroceries" before the meeting. We looked at that information. During the meeting two more Favorite Apps were entered. One was the carpenter app from Steven Breitbart. He demonstrated what he knew. I was impressed with the concepts and the use of his iPod touch device. It's called iHandy Carpenter, obviously an Apple app, and he paid $2.99 in the Apps store online. Richard Miller was alert with his DROID to promptly report that Android has an equivalent App, costing $1.99. Ed Koran named his Favorite app "Wi-Fi Buddy Beta." It can tell users of a mobile device where the Wi-Fi hotspots are. He'll study it and hopefully demonstrate it during the April SIG meeting. As I see it, there are 400,000 Apps for Android. We can't possibly check them all. Therefore I go the opposite way. Each MC SIG member is asked to select *one* Favorite App that he's the SIG specialist on, and share his expertise with the rest of the SIG. See image of **Steven** measuring an angle on the wall, using his iPod touch as a protractor, as one of the things one can do with this App.


I've discovered a better way to do PowerPoint Presentations. I'm now using internal hyperlinks. The way it works is: one slide has the Agenda with many hyperlinks to many slides which if you do it right allows you to return to the Agenda slide. For the programmers amongst us, this is like Structured Programming. During my professional carrier I wrote batch programs that were hundreds of pages long, yet the highest control level of the program was all on *one* page. This one page

was designed so it did branch-and-links to perhaps ten second level pages, which in turn branch-and-link to third level pages, and so on. This has the advantage of a high level overview of what the program does, and making it easier to drill into the part of the program you are interested in. So with this new PowerPoint Presentation technique, I gain the freedom to put the slides in a different order then the order in which they should be read.

The hyperlink method works great if you have Office 2010 (or Office 2007), but it has been reported that the internal hyperlinks don't work for Office 2003. The external links - which have been in my presentation since the beginning- have always worked and are always hot. I publish two versions of the PowerPoint presentation each month, but the old 1997-2003 version has that problem too. My solution always has been, and I restate: Download and use the *free* Microsoft PowerPoint 2010 reader; then it should work. Do we need a demonstration on how to do that? I can't test this because my PCs all have Office 2010. I must rely on others! I'm reluctant to go backwards, I want to grow.

This SIG meets in Science 109 at 10:30 am.

Celebrate NOCCC's 36 Birthday

Birthday Cake & Punch at Noon!!!!!!!!!!!!!

Meet us outside Irvine Hall.

Club Business

Transportation Information

Meeting Information
The NOCCC meetings are held at Chapman University, in the Hashinger Science Center and Irvine Hall, near the northwest corner of Center Street and Palm Avenue.

Parking Information
Most of this information is on the back cover. For more information, see **www.chapman.edu/map/parking.asp**. A map of the Chapman University campus is also available at **www.chapman.edu/map/map.pdf**.

Bus
Several Orange County Transportation Authority (OCTA) buses service Chapman University. Route 54 runs East and West on Chapman Ave. The 59 runs North and South on Glassell Avenue, but doesn't start early enough for the 9:00 a.m. SIGs. Get the most current information or use a trip planner at **www.octa.net**. OCTA also has a Consumer Information Center at (714) 636-7433 (RIDE).

Railroad
Metrolink trains can get you to the NOCCC meeting from the Inland Empire. There are stops in the cities of Riverside, Corona, and Anaheim Hills. Parking your vehicle is free at the train station. (**See M on map below**.)

On Sundays, Inland Empire-Orange County Line train 859 leaves San Bernardino destined for Orange County at 8:55 am. For the return trip, train 663 leaves nearby Orange Metrolink at 3:11 pm and train 860 leaves at 5:37 pm. The Metrolink station is four-and-a-half blocks from Chapman University. For specifics regarding your trip, check the web site: **http://www.metrolinktrains.com** or call 1-800-371-5465.

Board Meeting Minutes
March 5, 2012

T he NOCCC Board held its regular monthly meeting at President Jim Sanders' residence on Monday, March 5, 2012.

All Board members attended except Dr. Don Armstrong. The Vice President's position is still open. Also attending was NOCCC member Dennis Martin.

Secretary's Report: given by Ted Littman. The minutes of the February 6th Board meeting published in the March 2012 Orange Bytes was motioned for approval, seconded, and approved by all in attendance.

Treasurer's Report: given by John Heenan. Net income for coffee and donuts/cookies was -$2.04. The Raffle earned $56; cost to NOCCC of the prizes was not available. Dues received was $70.

Memberships: As of March 1: Regular (1-yr.) = 147, Regular (3-yr.) = 9, Family = 4, College Student = 0, Newsletter = 12; Total of 172 Members. No change from the preceding month. There were 15 renewals in February. The Board accepted the Treasurer's report.

Opening & Closing: Richard Miller prepared the coffee. Bob Love got the donuts and cookies. There were no significant problems.

Main Meeting: About 21 people attended President Jim Sanders' presentation on the Barnes & Noble Nook. (See the Main Meeting report elsewhere for details.)

Programs: The next Main Meeting is Sunday, April 1st, followed by the BOD meeting on Monday, April 2nd at the President's residence. The speaker for April is uncertain as of this writing. Jim is trying to have someone talk about Adobe's InDesign desktop publishing software program.

Public Relations: Nothing to report.

Publications & Reviews: given by Ted Littman. One book was taken for review at the meeting on Sunday. The March newsletter had two reviews by NOCCC members. Three book reviews by members were received for the April newsletter. Ted also urged all newsletter contributors to email their inputs for April to him early as this is another short period between meetings. Several inputs were received on Sunday & Monday!

Membership: given by Ben Lochtenbergh. The flyer prepared by Muriel Fitzsimmons for use in publicizing the activities of NOCCC will be posted by Jim on the club web site. Ben also talked about the possibility of combining NOCCC and ORCOPUG after he contacted several of their officers/members including members who belonged to both clubs currently.

Raffles: given by Gerry Resch. In the absence of Gerry, Steven Breitbart did the March meeting raffles. Ticket sales brought in $56. Jim will purchase the "big" prizes for April. Gerry said he will miss the April NOCCC meeting.

SIGs: by Dallas Hazleton. Dallas reported on attendance at the various SIG meetings. Attendance was: Advanced PC Q&A SIG (12), Mobile Computing (8), Laptops, Smartphones, & Social Media (5), Beginners Digital Photography (9), Mobile Computing (8), Operating Systems (5), Linux (6), Advanced Digital Photography (10), Microsoft Access (3), Visual Programming (2), Access/Excel VBA (3), and Microsoft Office (2). The Beginners PC Q&A SIG was cancelled.

Old Business: John mentioned that he had talked with a Wells Fargo official about putting some of NOCCC's checking account funds in a savings account yielding 2.5% interest.

New Business: Jim noted that it was time to consider NOCCC's annual student scholarship donation to Chapman U. After some discussion, Gerry Resch motioned that we give one $3,000 scholarship. It was seconded and approved with one dissenting vote.

Ted Littman announced that he was resigning from all his positions upon completion of the April issue of the newsletter.

The Board meeting was adjourned at 9:02 PM.

NOCCC Bylaws

The club's Bylaws are available at our website:
www.noccc.org/bylaws/

Thanks to Our 15 Renewed Members in February 2012

- ❖ **Mary Cornett**
- ❖ **John Donan**
- ❖ **Maurice Jacques**
- ❖ **Loren Johnson**
- ❖ **Dennis Jones**
- ❖ **Jackie Jong**
- ❖ **Edward Koran**
- ❖ **John Krill**
- ❖ **Owen Lynch**
- ❖ **George Margolin**
- ❖ **Richard Miller**
- ❖ **James Morgan**
- ❖ **Alan Pearlman**
- ❖ **Jerry Schmiedeke**
- ❖ **Thomas Skudlarski**

NOCCC Fee Schedule

The fee schedule has been set up to increase club membership, attract people with an interest in computing, and attract local computer-related businesses to place ads in the Orange Bytes with or without becoming NOCCC members. **We are also offering members the opportunity to help our club financially by making donations that should be income-tax deductible since we are chartered as a non-profit 501(c)(3) organization.** Donors will be acknowledged in the Orange Bytes and the Membership level will be shown on the Member's Badge. **Your regular dues is tax deductible!**

Membership Level ($)	1 Year	3 Years
Individual Member	**35**	90
Each Additional Family Member	15	40
Full-Time* Enrolled College Student	20	
Enrolled High School Student	15	
*Minimum 12 Semester Hours		
Business Member + Ad (Business Card)	180	
Business Member + Ad (¼ Page, ½ Page)	465 , 800	
Business Member + Ad (Full Page)	1,475	

Membership Donations ($)	
Contributing Member	75
Supporting Member	100
Advocate Member	250
Patron Member	500

Pig SIG Open to All
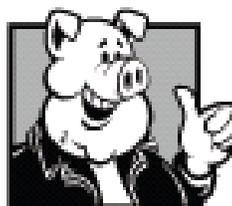
Meet us outside **Irvine Hall** from about noon to 12:30 p.m. There are several benches where NOCCC people gather, eat and chat. Just look for the member badges, grab a chair and join in! This is an informal group; so many different subjects are discussed. It's a great opportunity to mix, mingle, and network!

Free coffee & tea at the April meeting!

Donuts $1/Each & Cookies $.50/Each
No Freebies!

Put your dollars & quarters in the collection can.

Membership Renewal

When you turn in your Membership Renewal check, PLEASE fill out a Membership Renewal Application.

Memberships may also be renewed on our Website:
https://mmm1427.rapidsite.net/citivu/noccc/order3.html
Send e-mail address changes to membership@noccc.org

QUICK MEMBERSHIP APPLICATION/RENEWAL

Date: _____   I am a new member   ☐
           This is a renewal; my membership number is   _____

PLEASE PRINT!

Name _____

Address_____

City _____

State_____ Zip _____ Phone (_____) _____-_____

email_____

Fees: see page 26 for fee schedule; $35 for single membership.

Since the North Orange County Computer Club is incorporated as a 501 (c) (3) organization, checks are 100% tax deductible when made payable to North Orange County Computer Club.

Amount enclosed $_____

MC / Visa No. _____ Expires _____

Please make your check payable to **North Orange County Computer Club** and mail with your application to:

> **North Orange County Computer Club**
> **PO Box 3616**
> **Orange, CA 92857**

Dated Material - Please deliver by March 31, 2012

Are You an NOCCC Member?

Consider all that you get with membership and Join Now!

- **Meetings**. Keep up with what's going on in the computer world. Hear outstanding industry representatives make presentations of the latest and greatest in computer products.

- **Special Interest Groups**. Our SIGs cover a broad spectrum of computer issues. Whether you are a beginner or a power user, attend the lectures and demonstrations, and share your knowledge about computers.

- **Raffle Drawings**. We have distributed thousands of dollars worth of hardware, software, and books as prizes at our Main Meeting.

- **Consignment Table**. We have a consignment table during even-month meetings, in which members can sell or buy all kinds of computer & software items.

- **Get help with your current computer problems**. In the Random Access portion of the Main Meeting, you may ask your question of the entire assemblage. More than likely, someone will have the answer.

- **NOCCC Help Line.** NOCCC volunteers, experts in their fields, are ready to assist you with your computer problems. They can be contacted by email or by telephone.

- **The *Orange Bytes* Newsletter**. Our award-winning newsletter reports on club activities and provides articles about current computer issues and reviews of software and books.

- **Product Reviews.** Write a review for the *Orange Bytes* and keep the software, hardware, book, or CD!

- **Volunteer Work**. We have numerous interesting assignments available. As an all-volunteer organization, you can join with other members in a variety of activities: solicit newsletter ads, write articles for our newsletter, conduct a seminar, run a SIG, give a Main Meeting presentation, show new members around, join a committee, assist in setting up the meeting or participate in computer-related community volunteer work.

Become an NOCCC member by signing up at the Reviews/Membership Desk during a general meeting, usually the first Sunday of the month. Or simply fill out the form on the reverse side of this page and send it in.

Meeting Information — The NOCCC meeting is held at Chapman University, in the Hashinger Science Center and Irvine Hall, near the northwest corner of N. Center St. and E. Palm Ave.

Parking Information - Chapman University's main parking lot is the underground Lastinger Parking Structure under Wilson field on the north side of the campus. Enter from Walnut Avenue, just east of Glassell Street. Parking is not free on Sunday, even if the gate is up. **However, the permit vending machine is about 100 feet south of the entry area. There are other machines elsewhere in the lot.** Find one, buy a permit, and put it on your dashboard. Do not park in any other lot, in a reserved space, or back into a space.

Free street parking also is available on the campus-side of the streets only. Parking in front of any residential housing will result in an expensive parking ticket. A City of Orange public parking lot, located on the southwest corner of E. Maple and N. Orange, is also free and only 2 blocks from the meeting. For more information, see the Transportation Information section.