



UNESCO-NIGERIA TECHNICAL & VOCATIONAL
EDUCATION REVITALISATION PROJECT-PHASE II



NATIONAL DIPLOMA IN COMPUTER TECHNOLOGY



COMPUTER PACKAGES 1

COURSE CODE: COM123

YEAR 1-SEMESTER 2

PRACTICAL

Version 1: December 2008

Table of Contents

Week 1	3
Week 2	13
Week 3	23
Week 4	29
Week 5	36
Week 6	44
Week 7	50
Week 8	50
Week 9	61
Week 10	64
Week 11	67
Week 12	71
Week 13	75
Week 14	79
Week 15	85

Week 1

At the end of week 1 Laboratory practical, students should be able to:

- (1) Load Ms Word and study the various components of Ms Word screen
- (2) Load Ms Excel and study the various components of Ms Excel screen
- (3) Load Accounting Packages such as Peach tree or DacEasy Accounting and study the various screen components
- (4) Load Ms Power point and study the various screen components
- (5) Load any of the Medical Software packages and study the various screen components

(1a) Loading Ms Word Application Package

To load Ms Word for Windows, follow the steps given below:

- (i) Click on Start Button
- (ii) Point to All Programs
- (iii) Click on Ms Word.

See illustration below:

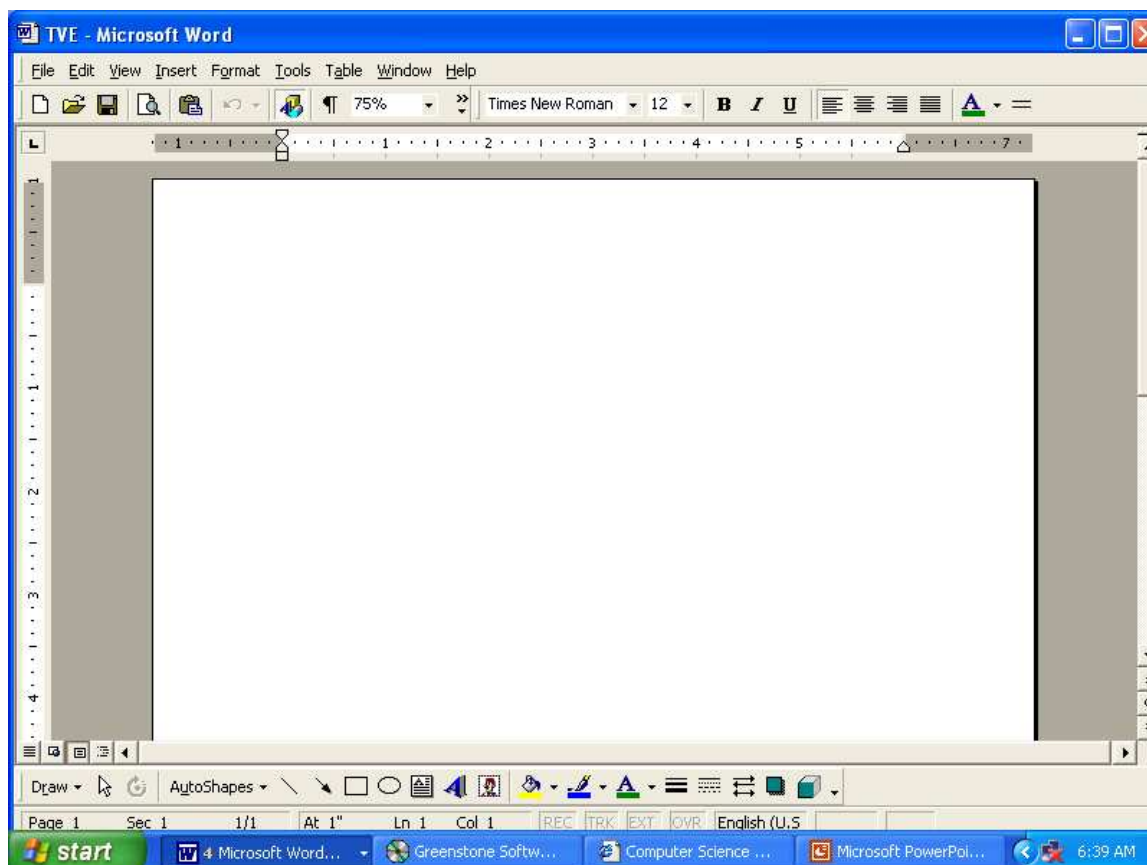


(1b) Getting to know the following components of Ms Word screen:

- (i) The Title bar
- (ii) The Menu bar
- (iii) Standard Tool bar
- (iv) Formatting Tool bar
- (v) The Ruler bar
- (vi) The Ms Word editing screen
- (vii) Horizontal and vertical scroll bars
- (viii) Status bar
- (ix) Task bar
- (x) Start button

Exercise:

Guide the Students to identify and label correctly the components of Ms Word screen represented below:



(2a) Loading Ms Excel Spreadsheet Packages

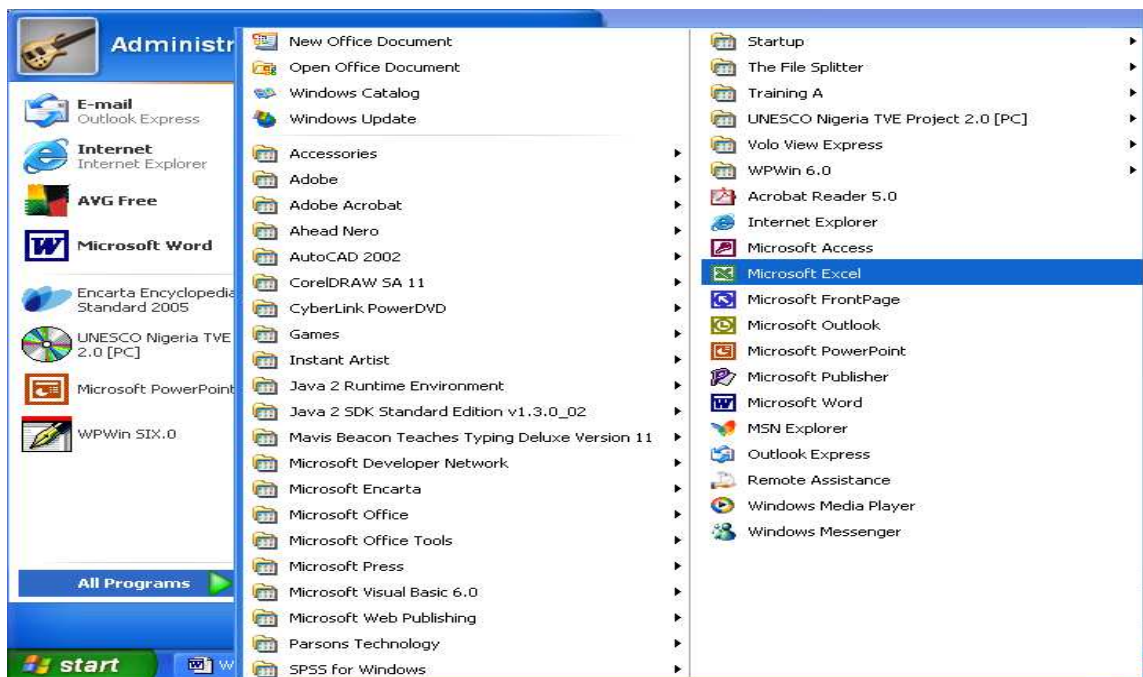
To load Ms Excel for Windows, follow the steps below:

(i) Click on Start Button

(ii) Point to All Programs

(iii) Click on Ms Excel.

See illustration below:



(2b) Getting to know the following components of Ms Excel screen:

(i) The Title bar

(ii) The Menu bar

(iii) Standard Tool bar

(iv) Formatting Tool bar

(v) The Formula bar

(vi) The Ms Excel editing screen/Worksheet Editing area

(vii) Horizontal and vertical scroll bars

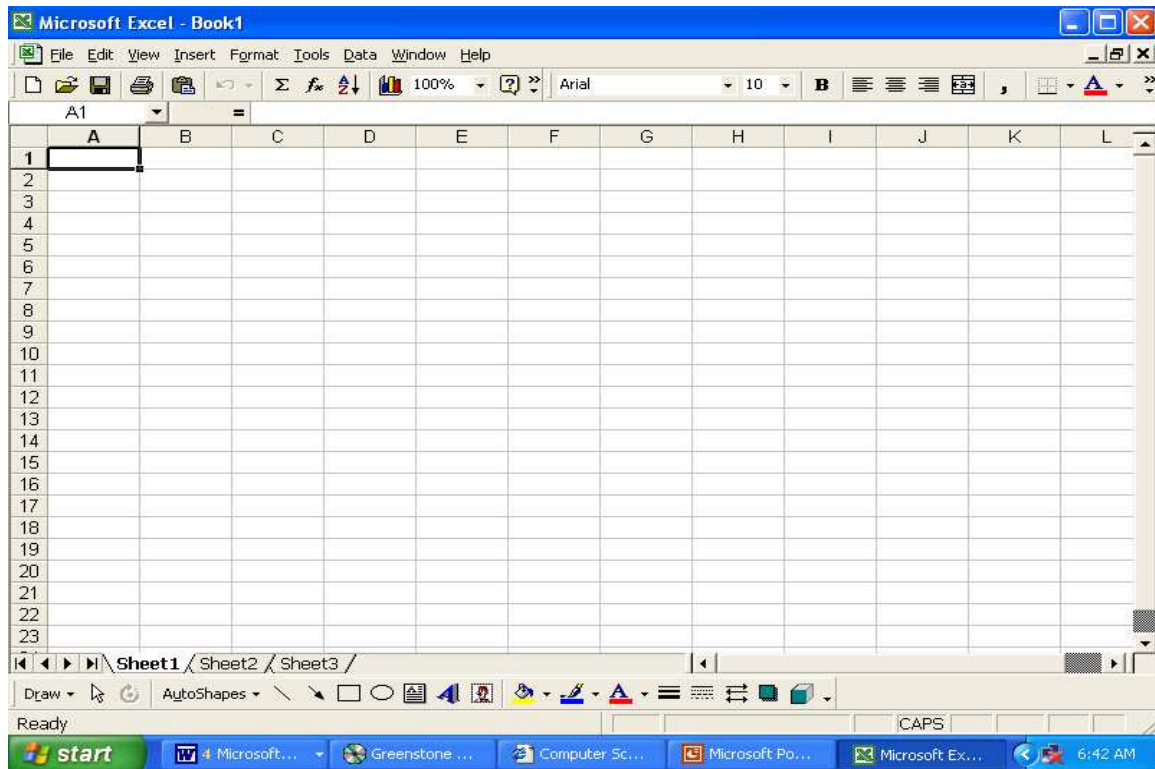
(viii) Status bar

(ix) Task bar

(x) Start button

Exercise:

Guide the Students to identify and label correctly the components of Ms Excel screen represented below:



(3)

Loading Accounting Software Package:

(3a) Loading Accounting Software Package

In this case the Accounting Software Package could be Peachtree or DacEasy Accounting:

To load DacEasy Accounting Software package for Windows, follow the steps below:

(i) Click on Start button

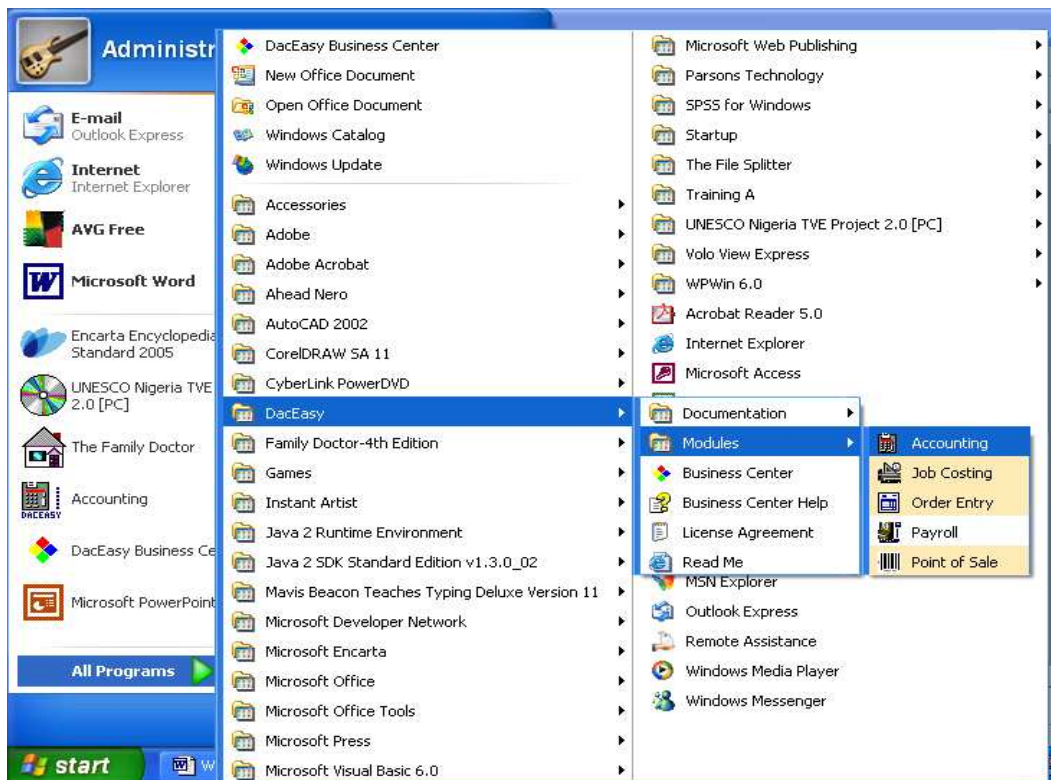
(ii) Point to all Programs

(iii) Select DacEasy

(iv) Point to Modules

(v) Select Accounting

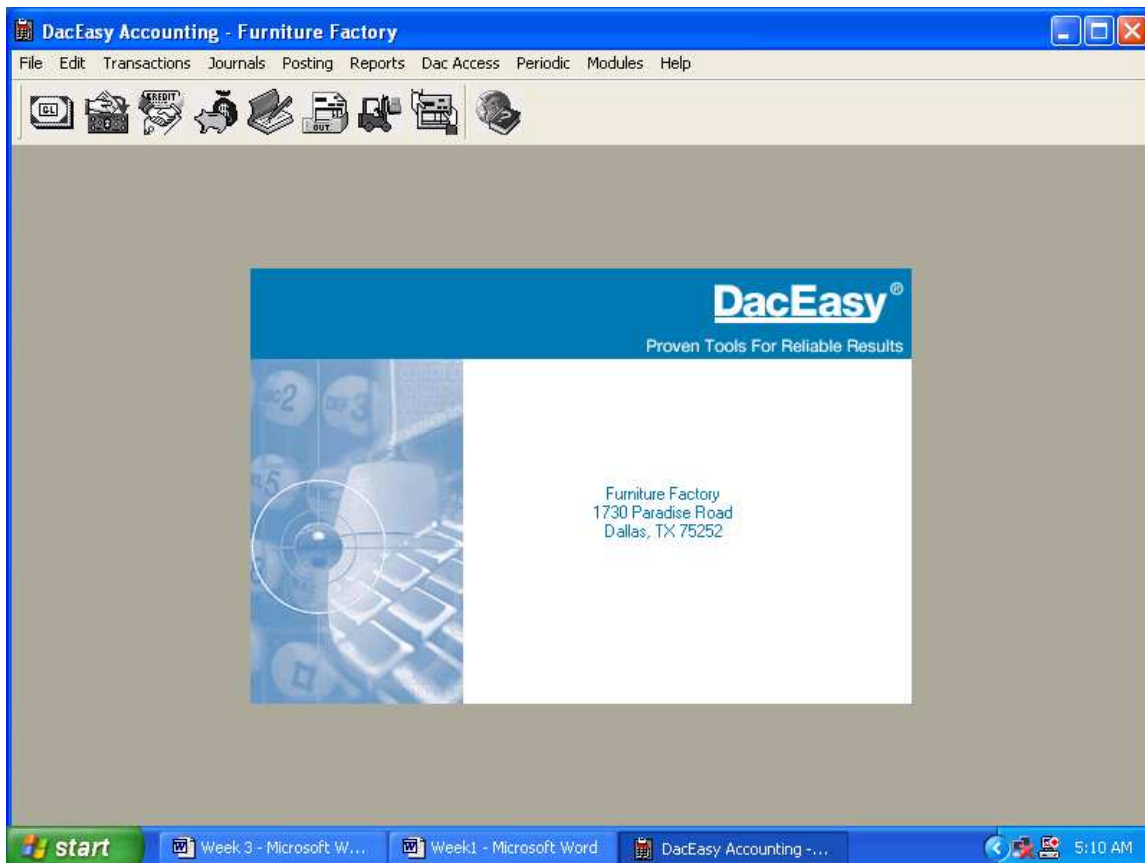
See illustration below



(3b) Exercise:

Guide the Students to identify and label correctly the components of DacEasy Accounting Software

Package screen represented below or any other Accounting Software Package Screen



(4a) Loading Ms Power point for Windows

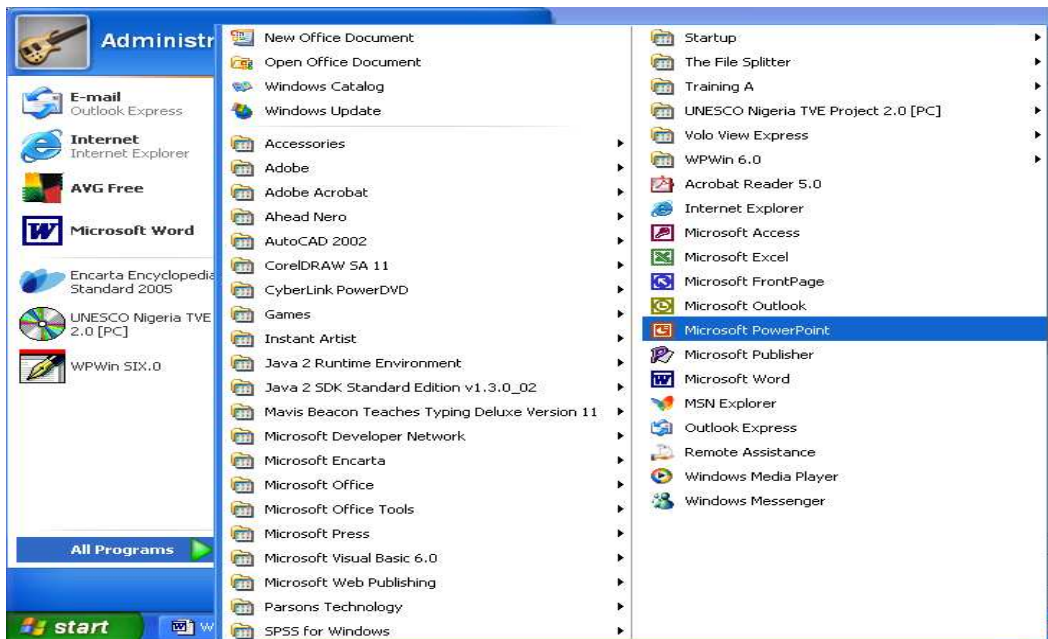
To load Ms Power point for Windows, follow the steps below:

(i) Click on Start Button

(ii) Point to All Programs

(iii) Click on Ms Power point.

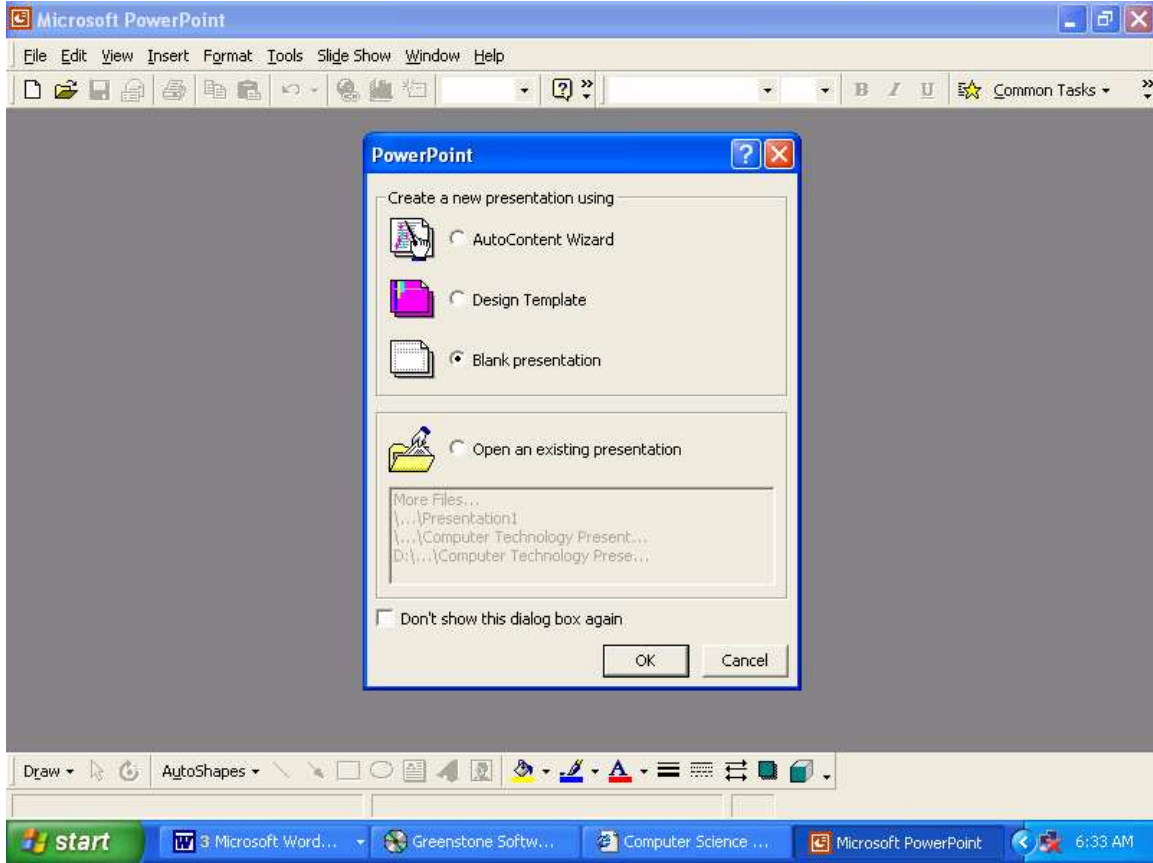
See illustration below:



(4b) Getting to know the following components of Ms Power point Screen

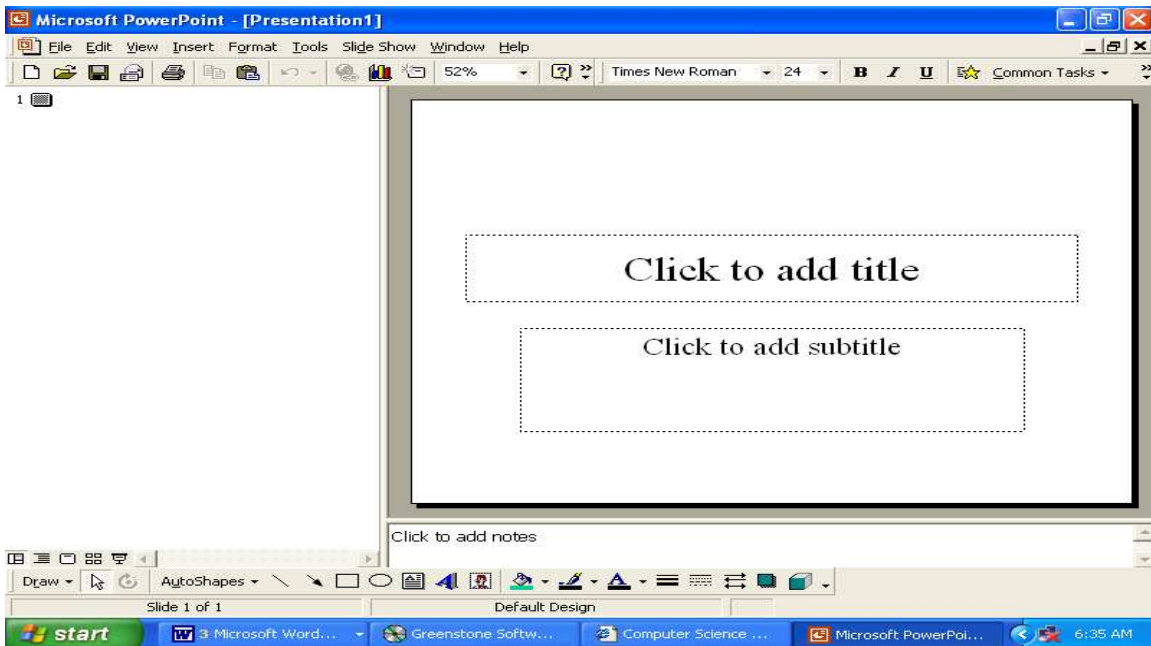
- (i) The Title bar
- (ii) The Menu bar
- (iii) Standard Tool bar
- (iv) Formatting Tool bar
- (v) Outline Pane
- (vi) Slide pane
- (vii) Note pane
- (viii) Status bar
- (ix) Task bar
- (x) Start button

Ms Power Point Opening Screen



Ms

Power Point Editing Screen



(5a) Loading Medical Software Package (e.g. Home Doctor)

To load Medical Software Package such as The family home Doctor for Windows, follow the steps below:

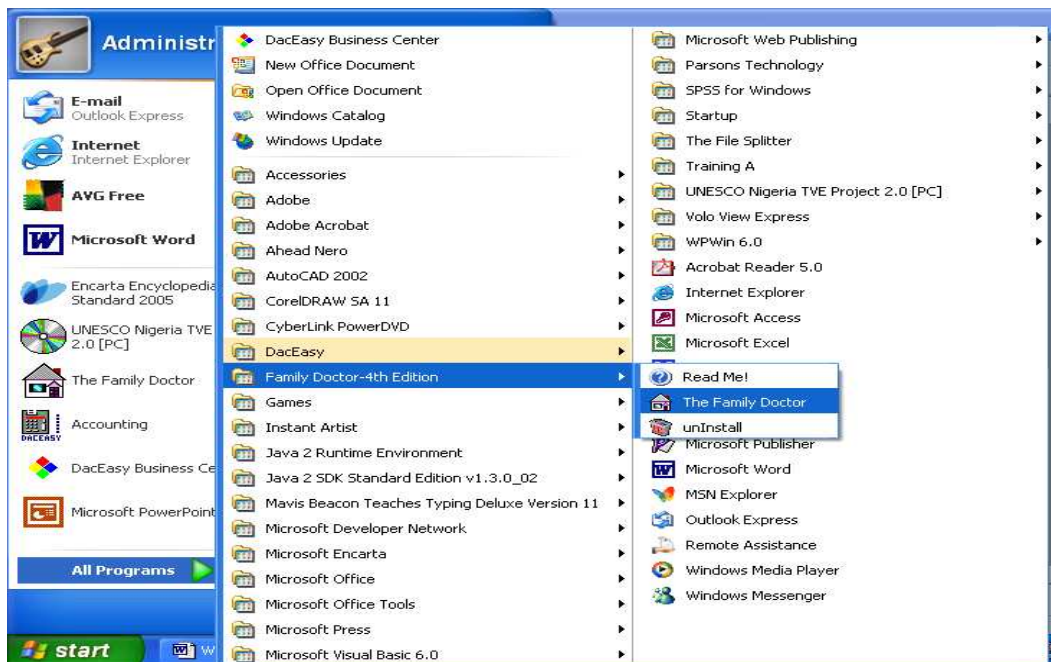
(i) Click on Start button

(ii) Point to All Program

(iii) Select Family Doctor-4th Edition or any other Edition installed on your System

(iv) Select the Family Doctor

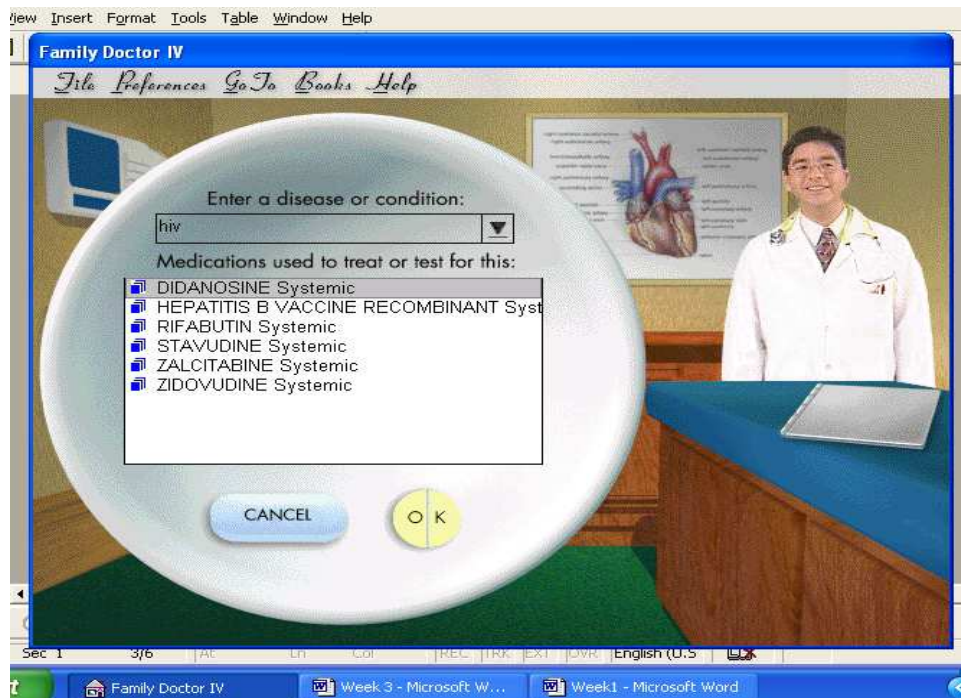
See illustration below:



(5b) Exercise:

Guide the Students to study carefully and in detail the Family home Doctor Software Package screens

represented below:



Week 2

At the end of week 1 Laboratory practical, students should be able to:

- (1) Load Ms Word and study the various components of Ms Word screen
- (2) Load Ms Excel and study the various components of Ms Excel screen
- (3) Load Accounting Packages such as Peach tree or DacEasy Accounting and study the various screen components
- (4) Load Ms Power point and study the various screen components
- (5) Load any of the Medical Software packages and study the various screen components

(1a) Loading Ms Word Application Package

To load Ms Word for Windows, follow the steps given below:

- (i) Click on Start Button
- (ii) Point to All Programs
- (iii) Click on Ms Word.

See illustration below:

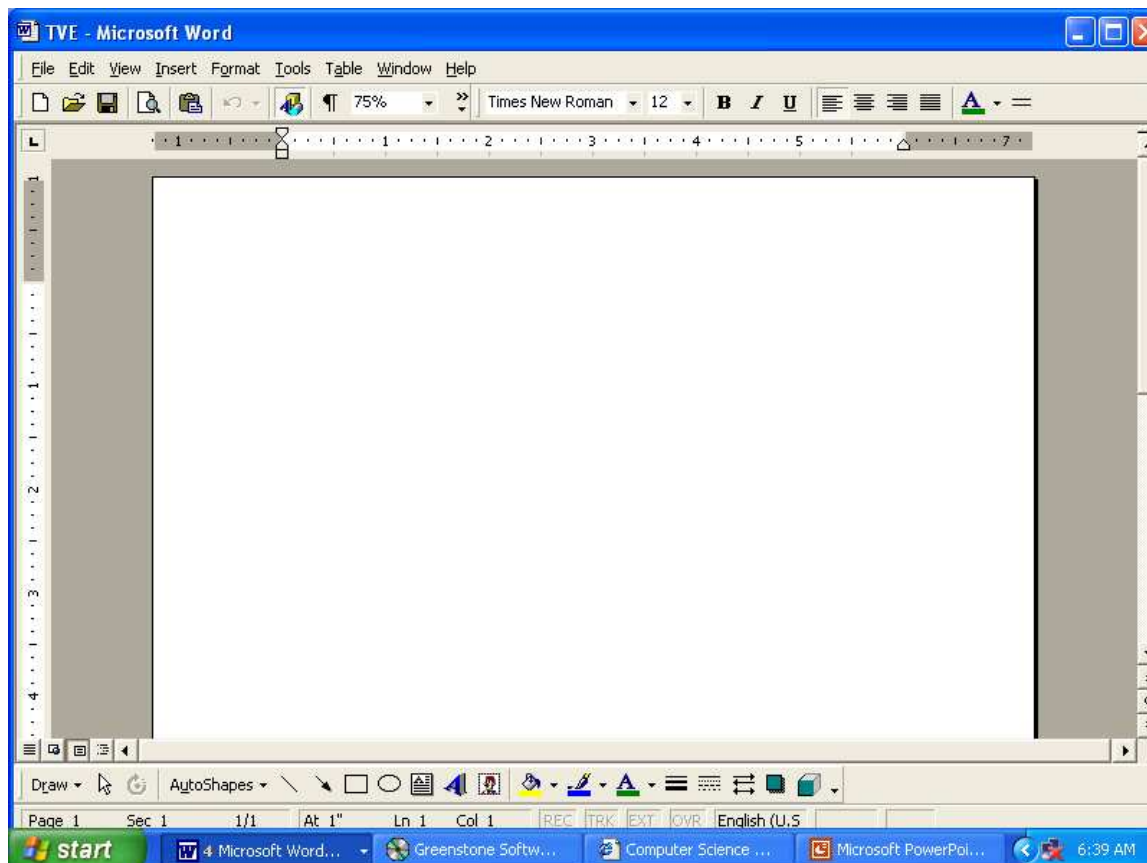


(1b) Getting to know the following components of Ms Word screen:

- (i) The Title bar
- (ii) The Menu bar
- (iii) Standard Tool bar
- (iv) Formatting Tool bar
- (v) The Ruler bar
- (vi) The Ms Word editing screen
- (vii) Horizontal and vertical scroll bars
- (viii) Status bar
- (ix) Task bar
- (x) Start button

Exercise:

Guide the Students to identify and label correctly the components of Ms Word screen represented below:



(2a) Loading Ms Excel Spreadsheet Packages

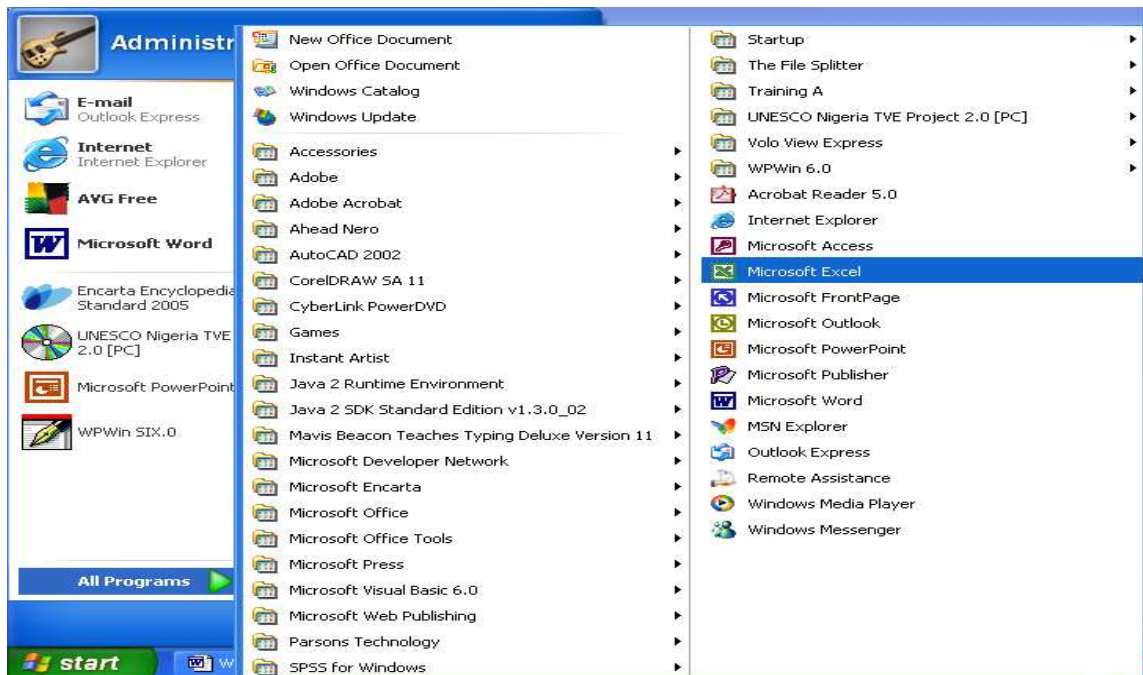
To load Ms Excel for Windows, follow the steps below:

(i) Click on Start Button

(ii) Point to All Programs

(iii) Click on Ms Excel.

See illustration below:



(2b) Getting to know the following components of Ms Excel screen:

(i) The Title bar

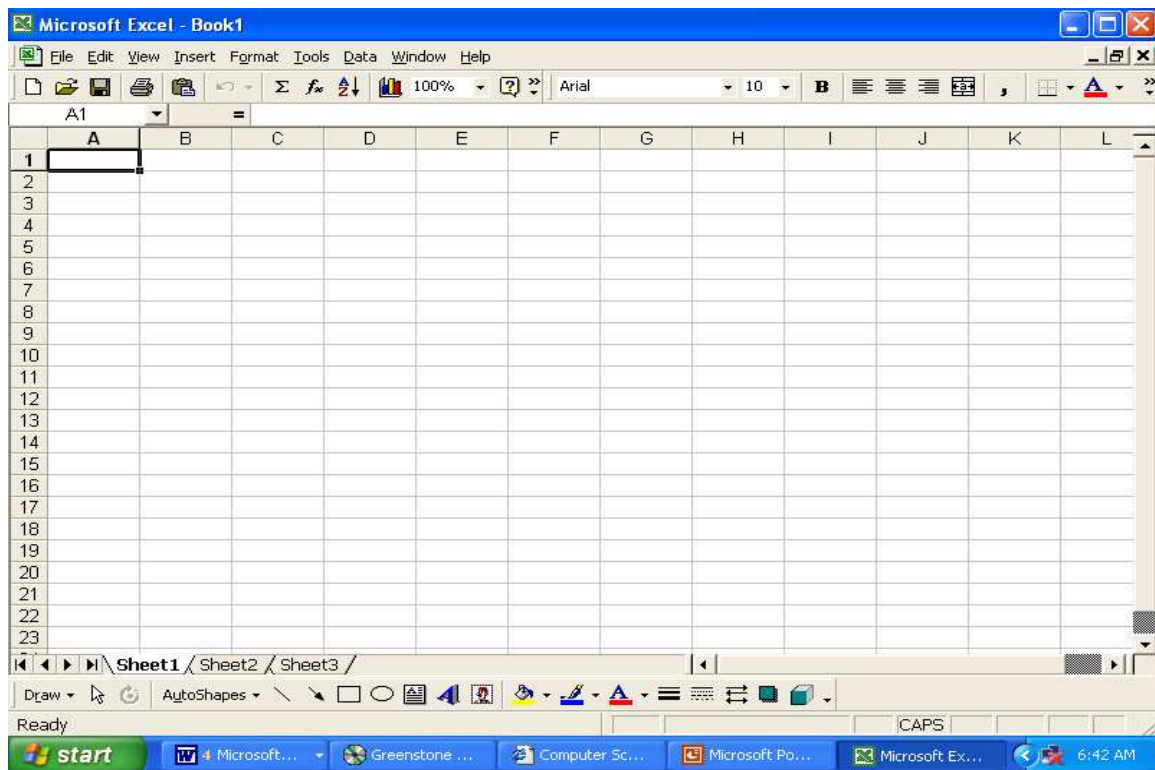
(ii) The Menu bar

(iii) Standard Tool bar

- (iv) Formatting Tool bar
- (v) The Formula bar
- (vi) The Ms Excel editing screen/Worksheet Editing area
- (vii) Horizontal and vertical scroll bars
- (viii) Status bar
- (ix) Task bar
- (x) Start button

Exercise:

Guide the Students to identify and label correctly the components of Ms Excel screen represented below:



(3)

Loading Accounting Software Package:

(3a) Loading Accounting Software Package

In this case the Accounting Software Package could be Peachtree or DacEasy Accounting:

To load DacEasy Accounting Software package for Windows, follow the steps below:

(i) Click on Start button

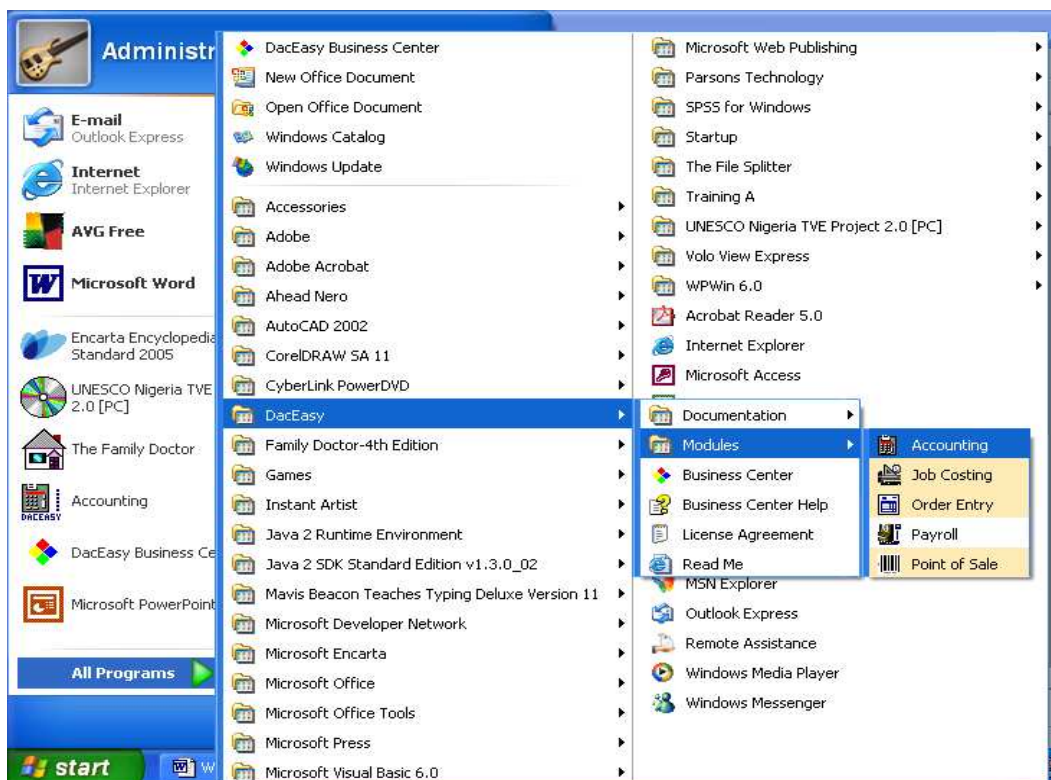
(ii) Point to all Programs

(iii) Select DacEasy

(iv) Point to Modules

(v) Select Accounting

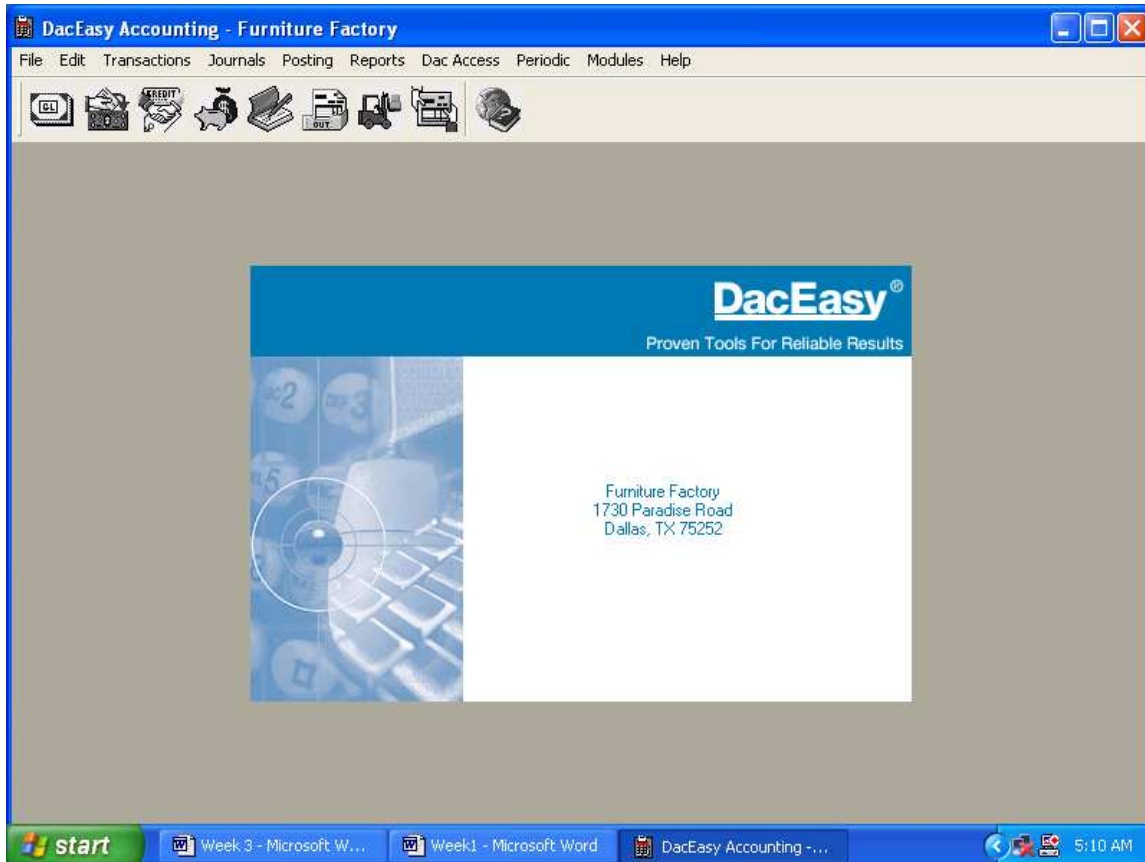
See illustration below



3b) Exercise:

Guide the Students to identify and label correctly the components of DacEasy Accounting Software

Package screen represented below or any other Accounting Software Package Screen



point for Windows

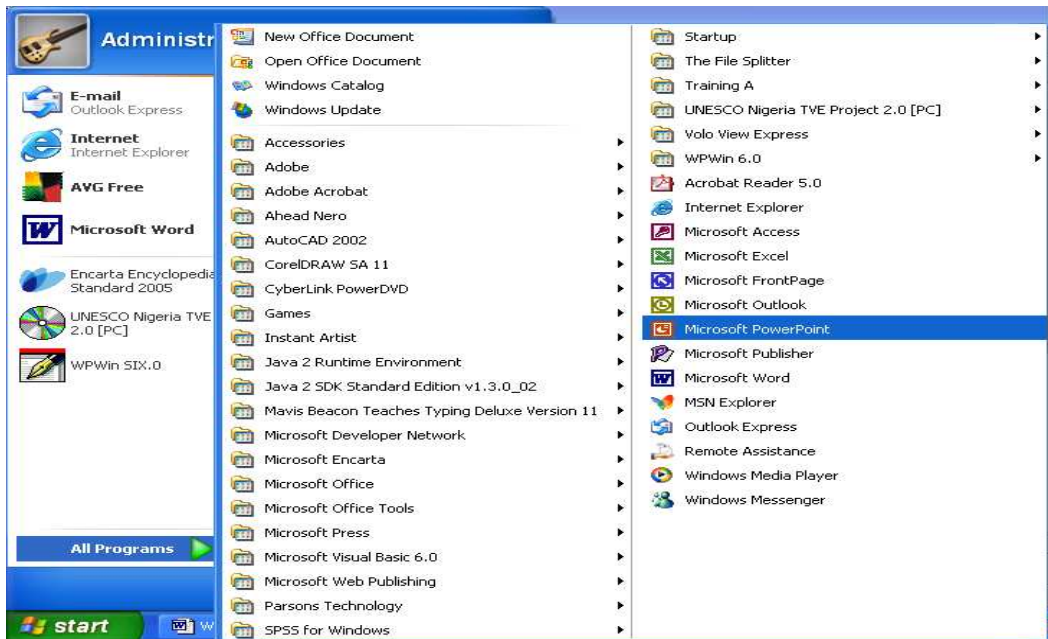
To load Ms Power point for Windows, follow the steps below:

(i) Click on Start Button

(ii) Point to All Programs

(iii) Click on Ms Power point.

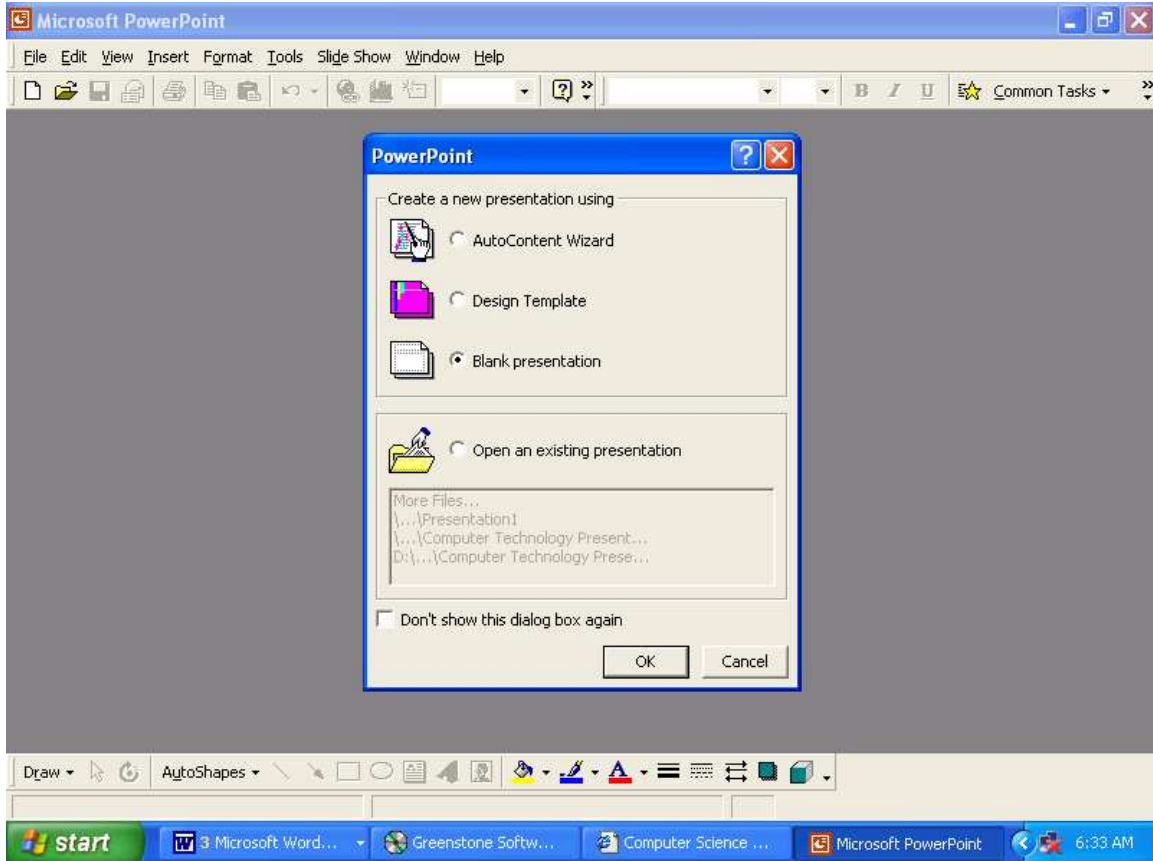
See illustration below:



(4b) Getting to know the following components of Ms Power point Screen

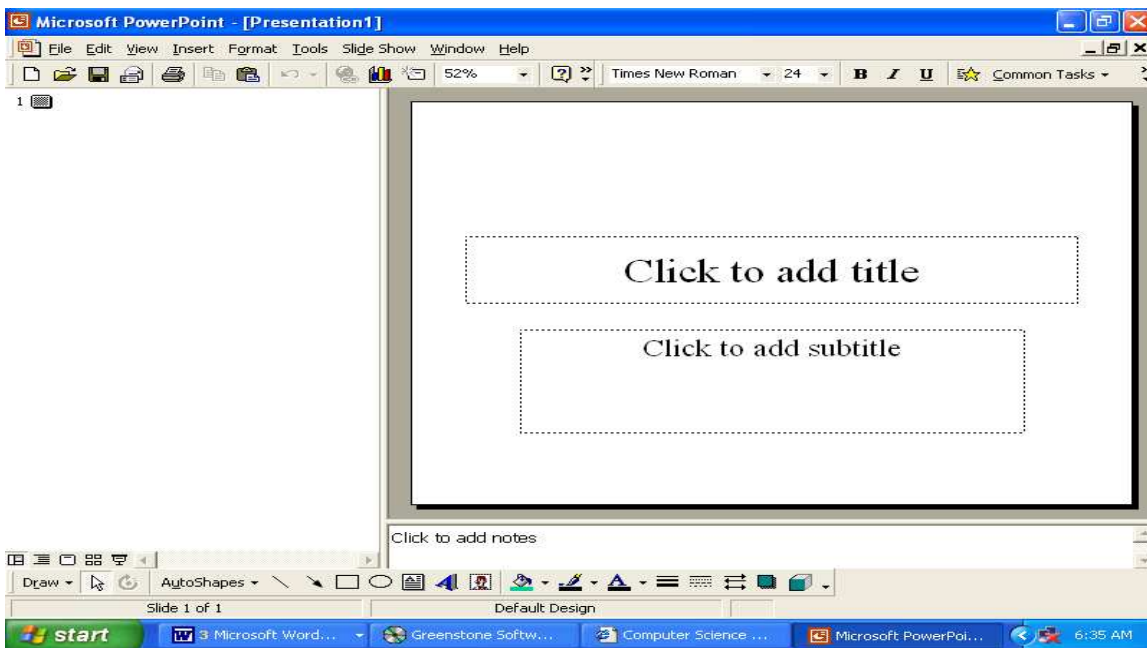
- (i) The Title bar
- (ii) The Menu bar
- (iii) Standard Tool bar
- (iv) Formatting Tool bar
- (v) Outline Pane
- (vi) Slide pane
- (vii) Note pane
- (viii) Status bar
- (ix) Task bar
- (x) Start button

Ms Power Point Opening Screen



Ms

Power Point Editing Screen



(5a) Loading Medical Software Package (e.g. Home Doctor)

To load Medical Software Package such as The family home Doctor for Windows, follow the steps below:

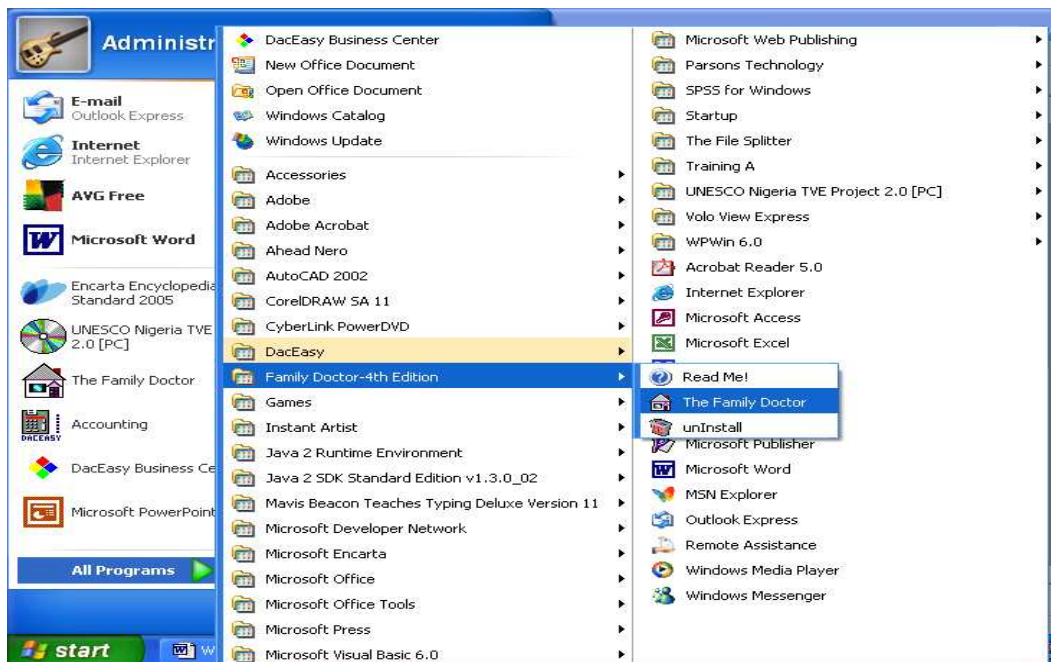
(i) Click on Start button

(ii) Point to All Program

(iii) Select Family Doctor-4th Edition or any other Edition installed on your System

(iv) Select the Family Doctor

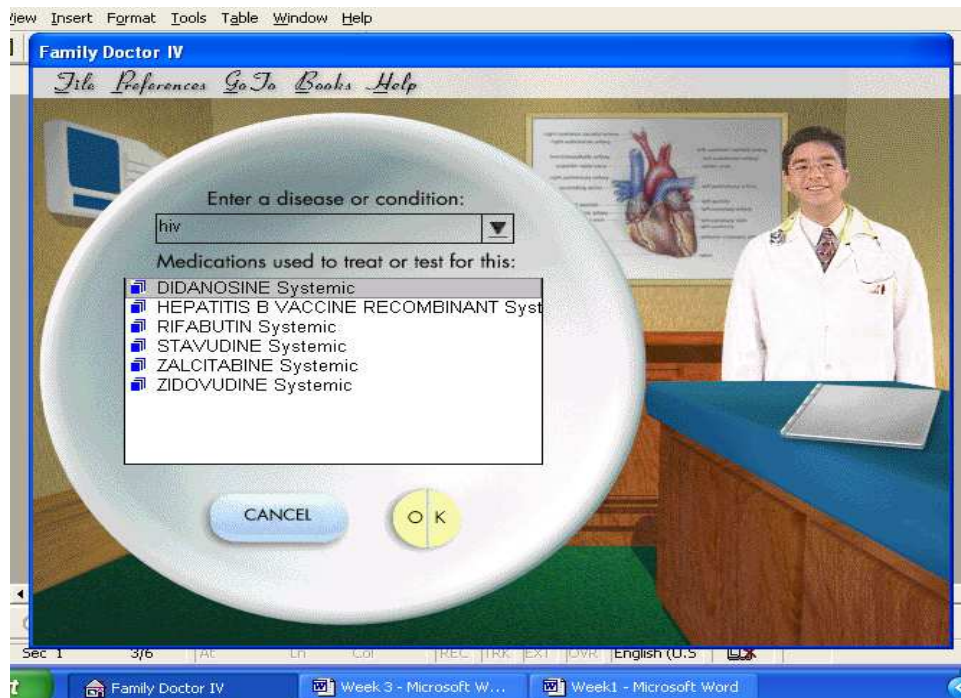
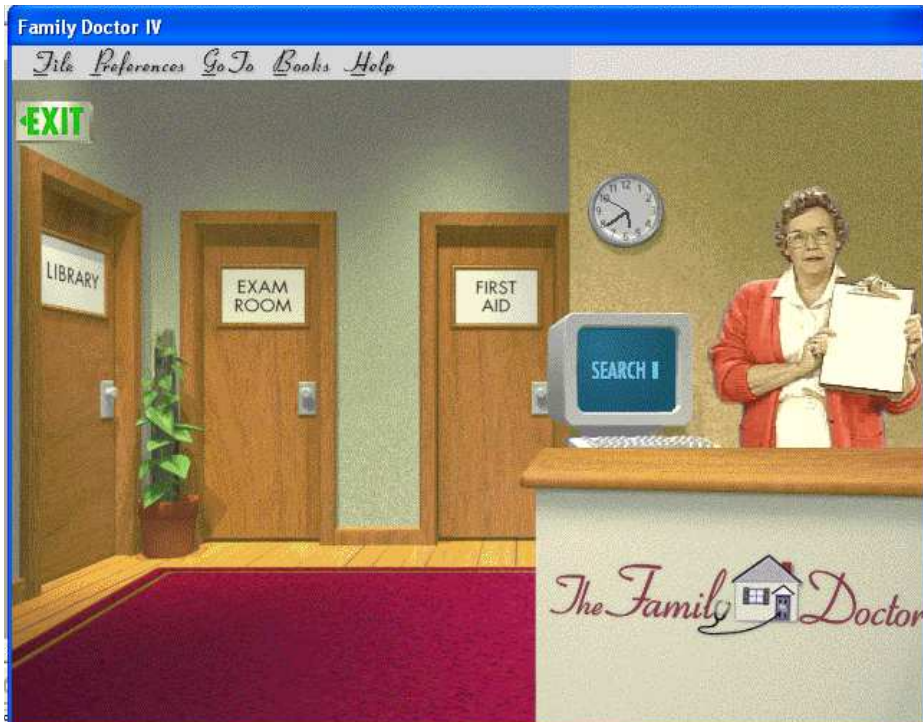
See illustration below:



(5b) Exercise:

Guide the Students to study carefully and in detail the Family home Doctor Software Package screens

represented below:



Week 3

At the end of week 1 Laboratory practical, students should be able to:

- (1) Load Ms Word (or any other Word Processing Package)
- (2) Study and know the components of Ms Word screen
- (3) Type and Save a document for the first time in Ms Word
- (4) Change the Font name, font color and font size in Ms Word document
- (5) Bold a text, underline a text and italicize a text in Ms Word
- (6) Close and Open Ms Word document

(1) Loading ms word application package

To load Ms Word Document, follow the steps given below:

- (i) Click on Start Button
- (ii) Point to All Programs
- (iii) Click on Ms Word.

See illustration below:

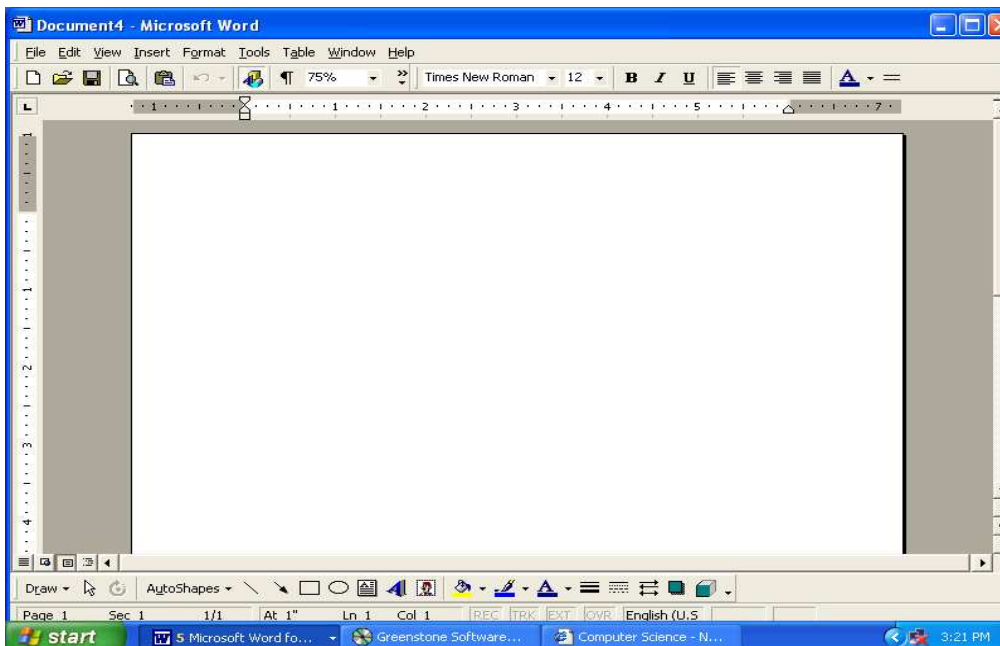


(2) Getting to know the following components of Ms Word screen:

- (i) The Title bar
- (ii) The Menu bar
- (iii) Standard Tool bar
- (iv) Formatting Tool bar
- (v) The Ruler bar
- (vi) The Ms Word editing screen
- (vii) Horizontal and vertical scroll bars
- (viii) Status bar
- (ix) Task bar
- (x) Start button

Exercise:

Guide the Students identify and label correctly the components of Ms Word screen represented below:



(3) Typing and saving a document for the first time

To type and save a document in Ms Word, follow the Steps below:

(i) Load Ms Word (i.e. Start → All Programs → Ms Word)

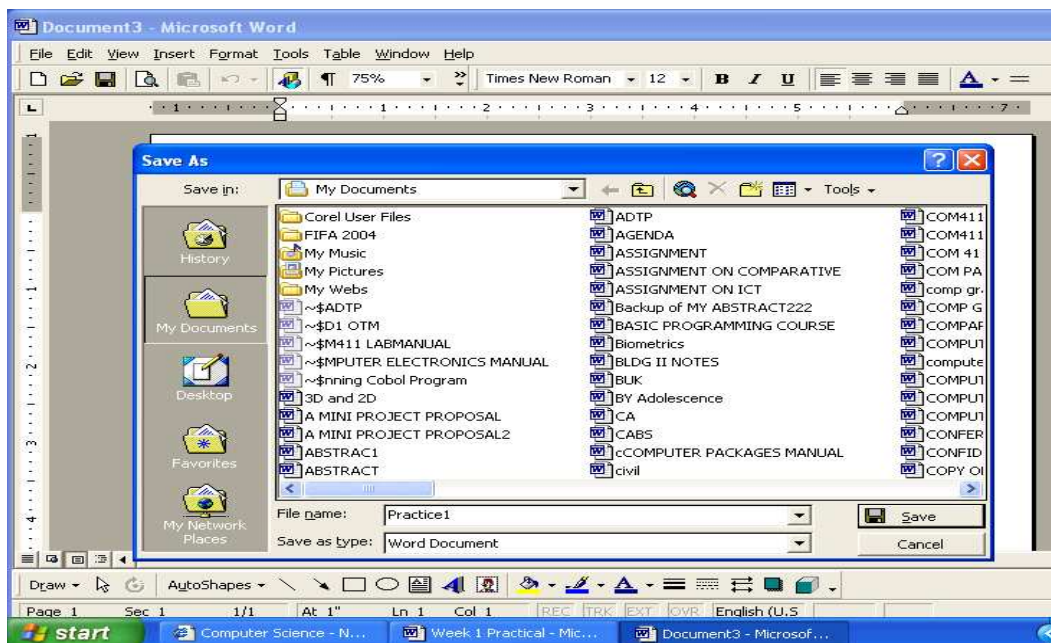
(ii) On the Ms Word Editing Screen, Start typing your text with the aid of a keyboard already connected to your system

(iii) Click on File menu and choose Save as

(iv) Type your document file name in the file name box

(v) Click on Save

See illustration below:



4) Changing a font name, font color and font size in ms word

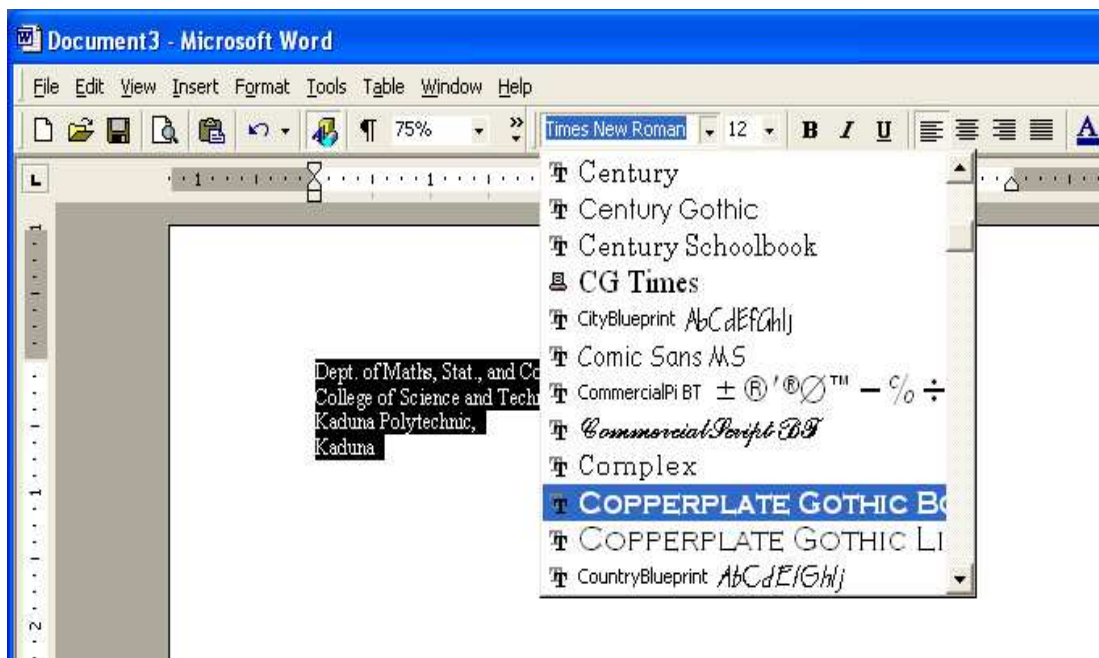
To Change a Font name, follow the steps below:

(i) Type your Text and highlight or select the text by dragging the mouse across the text

(ii) Click on the Font Name drop down list on the formatting tool bar

(iii) Select or click on a font name of your choice

See illustration below:



Changing a font color

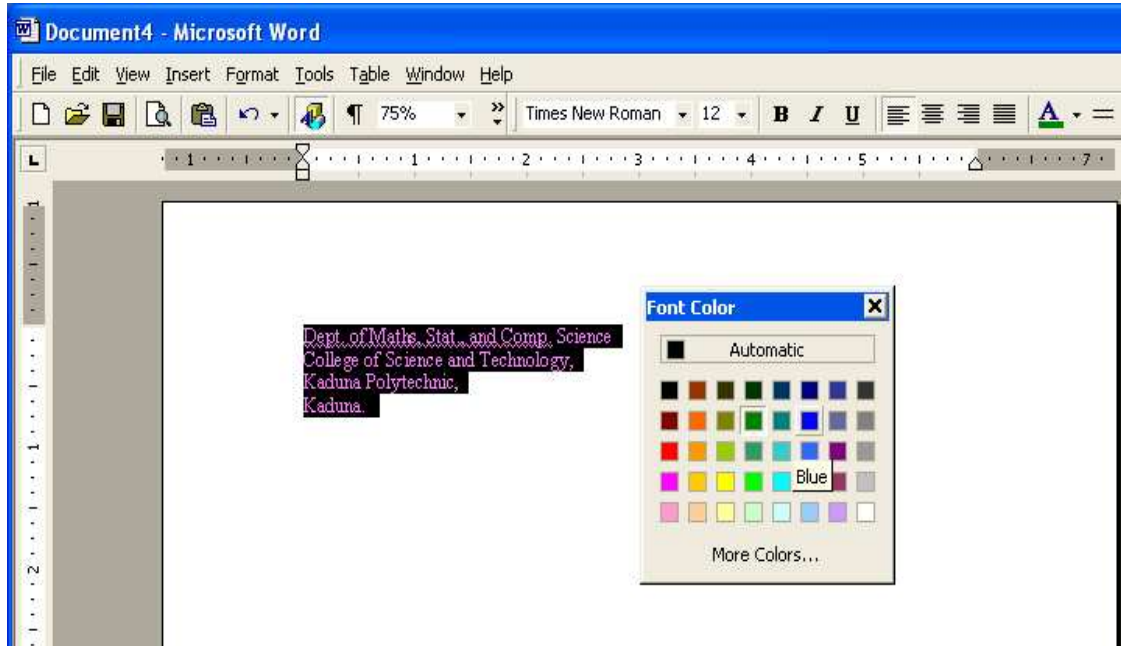
To Change a Font Color, follow the steps below:

(i) Type your Text and highlight or select the text by dragging the mouse across the text

(ii) Click on the Font color drop down list on the formatting tool bar

(iii) Select or click on a font color of your choice

See the illustration below



Changing a font size

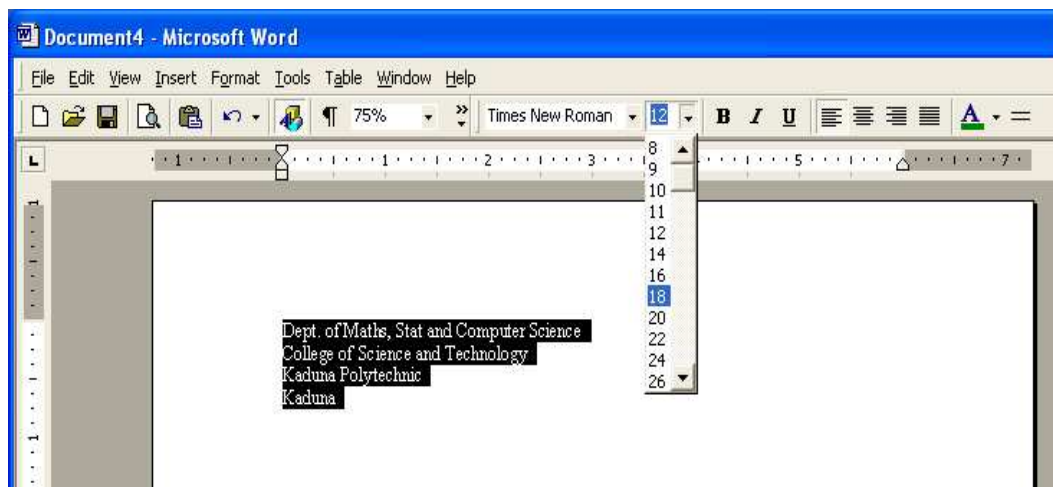
To Change a Font size, follow the steps below:

(i) Type your Text and highlight or select the text by dragging the mouse across the text

(ii) Click on the Font size drop down list on the formatting tool bar

(iii) Select or click on a font size of your choice

See illustration below



(5) Bold facing, italicizing and underlining a text

To bold face, italicize and underline a text, follow the steps below:

- (i) Type your Text and highlight or select the text by dragging the mouse across the text
- (ii) Click on the **Bold icon** (i.e. **B**) on the formatting tool bar to bold face the text
- (iii) Click on the **Italic icon** (i.e. *I*) on the formatting tool bar to italicize the text
- (iv) Click on the Underline icon on (i.e. U) the formatting tool bar to underline the text

(5) Closing and opening Ms Word document

To Close and Open Ms Word document, follow the steps below:

- (i) Ensure you have created and saved the document you want to close and open
- (ii) Click on File menu and choose close
- (iii) Click on File menu and choose Open
- (iv) Select the folder in the **look in** box where your document is stored
- (v) Highlight your document name and click on open

Week 4

At the end of week 2 Laboratory practical, students should be able to:

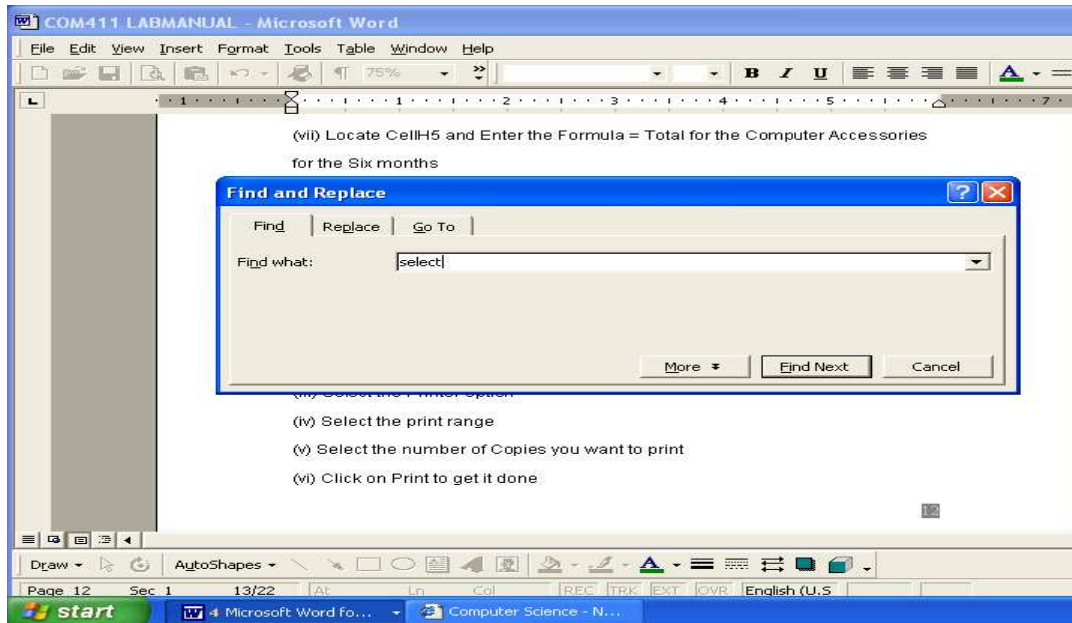
- (1) Search for a word and then replace that word with another word in Ms word
- (2) Add headers and footers to Ms Word document
- (3) Add page numbers to Ms Word document
- (4) Add page borders to Ms Word document
- (5) Import graphics from the clip Art gallery into Ms Word document
- (6) Format Ms Word document into Newspaper Style column and create an initial drop cap effect

(1) Searching and replacing a word in ms word

To Search and Replace a word in Ms Word, follow the steps below:

- (i) Display an existing word document or create one
- (ii) Click on **Edit Menu** and Choose **Find**
- (iii) In the **Find What** Box, Enter the Word you want to find in the document
- (iv) Click on **replace** button and enter the word to be replaced with in the **Replace with** Box
- (v) Click on **Replace** to replace the word or click on **Replace all** to replace all such occurrences.

See illustration below:

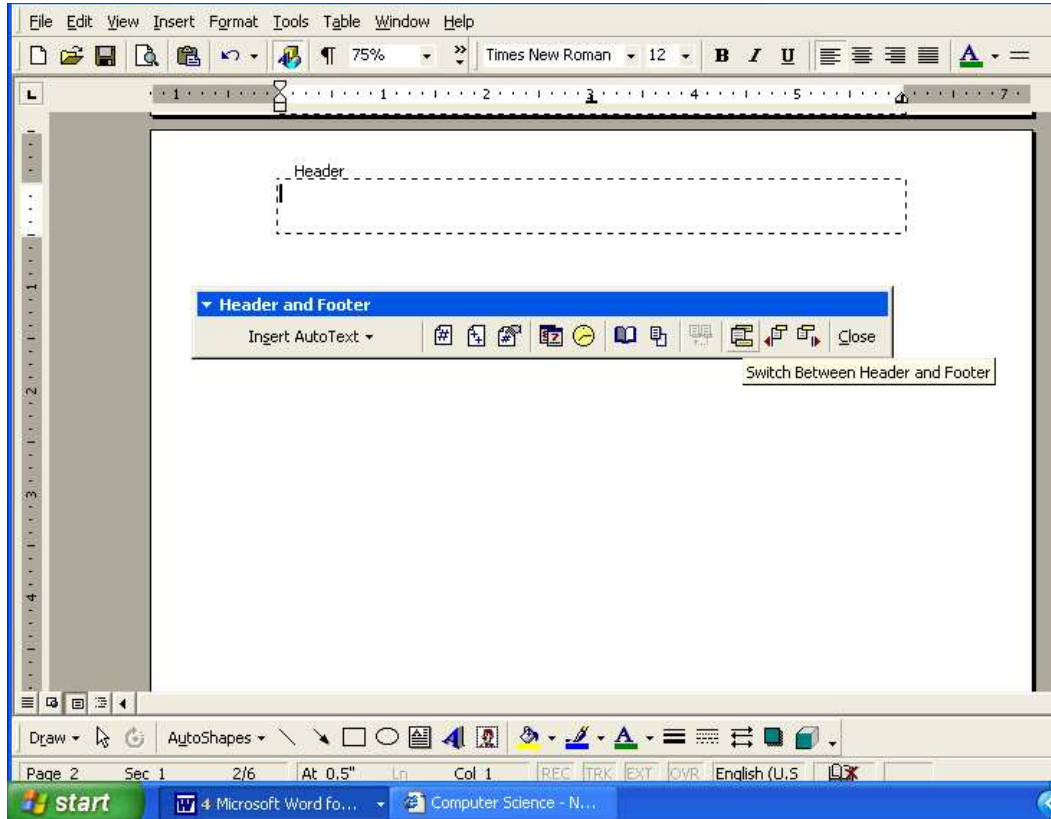


(2) Adding headers and footers

To add headers and Footers to Ms Word Document, follow these steps:

- (i) Click on View Menu and select Header and Footer
- (ii) Type your Header in the Header box
- (iii) Click on Switch between Header and Footer button
- (iv) Type your Footer in the Footer box
- (v) Click on Close button to return to document page

See illustration below:

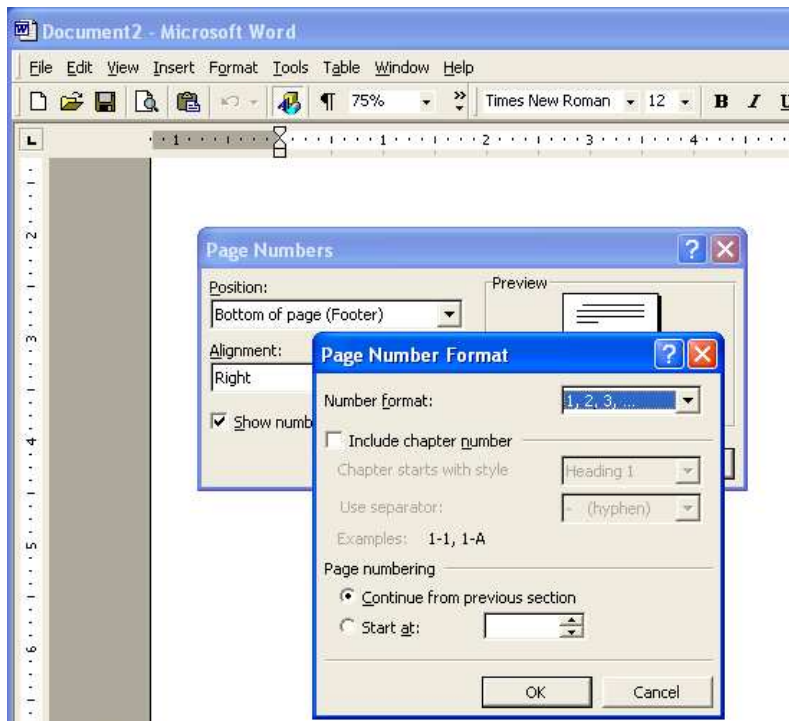


(3) Adding page numbers to ms word document

To Add Page Numbers to Ms Word Documents, follow the Steps below:

- (i) Click on **Insert menu** and choose **page number**
- (ii) Choose the **page number Position** and the **Alignment**
- (iii) Click on **Format** tab and Select the **Number Format**
- (iv) In the Page Numbering **Start at** dialog box, select your choice and Click **Ok**
- (v) **Click OK** again to get it done

See illustration below:

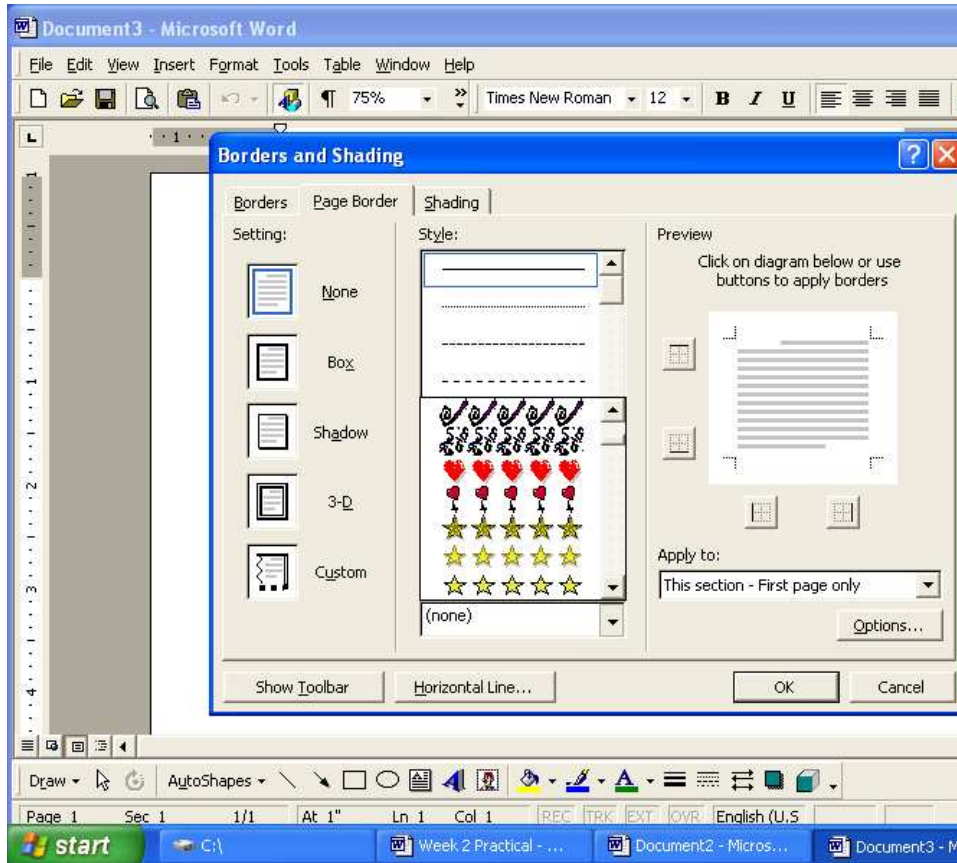


(4) Adding page borders to ms word document

To add page border to Ms Word document, follow these steps:

- (i) Display the Document page you want to add page border
- (ii) Click on Format Menu and choose borders and shading
- (iii) Click on page border tab, select your setting
- (iv) Click on Apply To box, select First page only
- (v) Click OK to get it done

See illustration below:

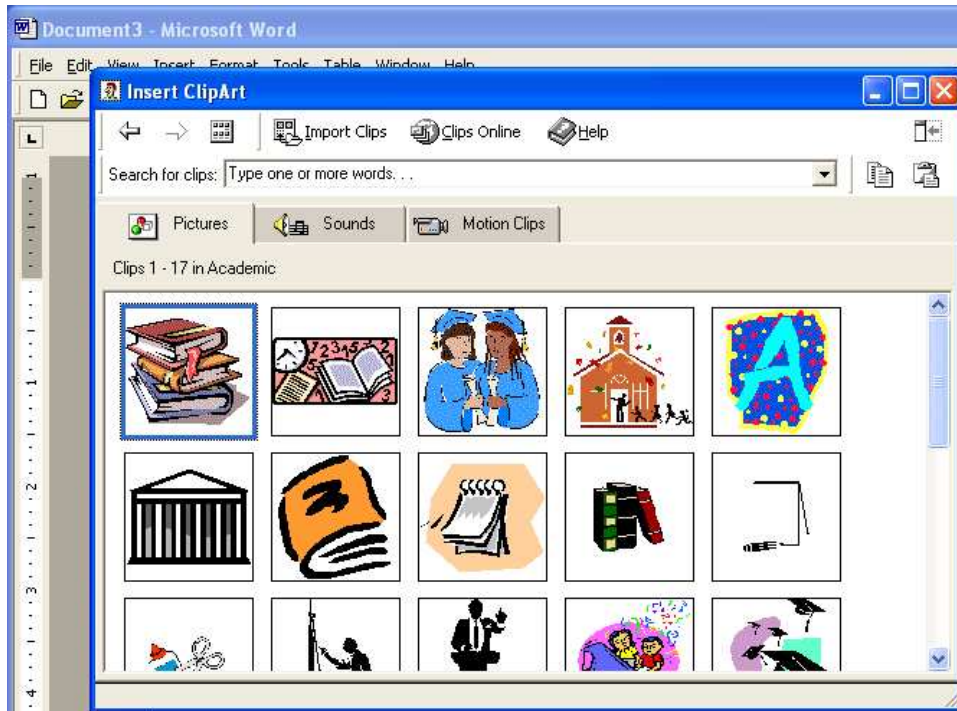


(5) Importing graphics from the clip art gallery

To import graphic from the Clip art gallery into your document, follow these steps

- (i) Position the text cursor where you want your graphics to be displayed
- (ii) Click on Insert Menu and point to picture
- (iii) Click on Clip Art and Select a Category
- (iv) Click on Insert to display the graphics in your document

See illustration below:



(6) Creating newspaper-style columns

To create Newspaper Style columns in Ms Word document, follow the steps below:

(i) Click on Format Menu and Choose Columns

(ii) Choose your option in the Columns Preset dialog box

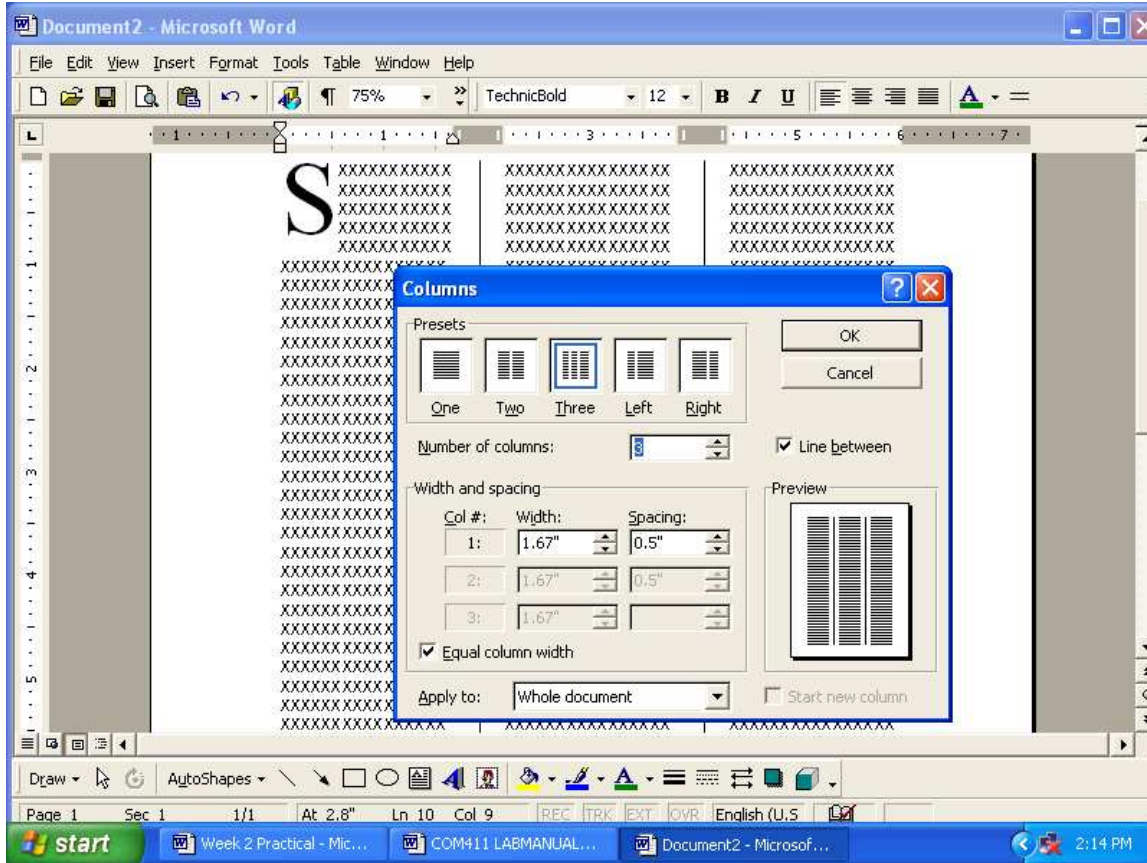
(iii) Click to select Line between box

(iv) Click on Apply to Box and Select this Point Forward

(v) Click on OK button then Start typing your text and observe as Ms Word format your document into

Multiple columns

Illustration of Newspaper Style Column with Drop Cap effect



Week 5

At the end of week 5 Laboratory practical, students should be able to:

- (i) Format Ms Word document into double line spacing
- (ii) Create, modify and Format Tables in Ms Word
- (iii) Draw flowchart in Ms Word using AutoShapes
- (iv) Type basic Statistical and Mathematical equations in Ms Word
- (v) Protect Ms Word document from unauthorized users.

(1) Formatting Ms Word document into double line spacing

To format Ms Word document into double line spacing, follow the steps below:

- (i) Display the document page that you want to format into double line spacing
- (ii) Click on format menu and select paragraph
- (iii) Click on the line spacing drop down list and select double
- (iv) Click OK and start typing your document

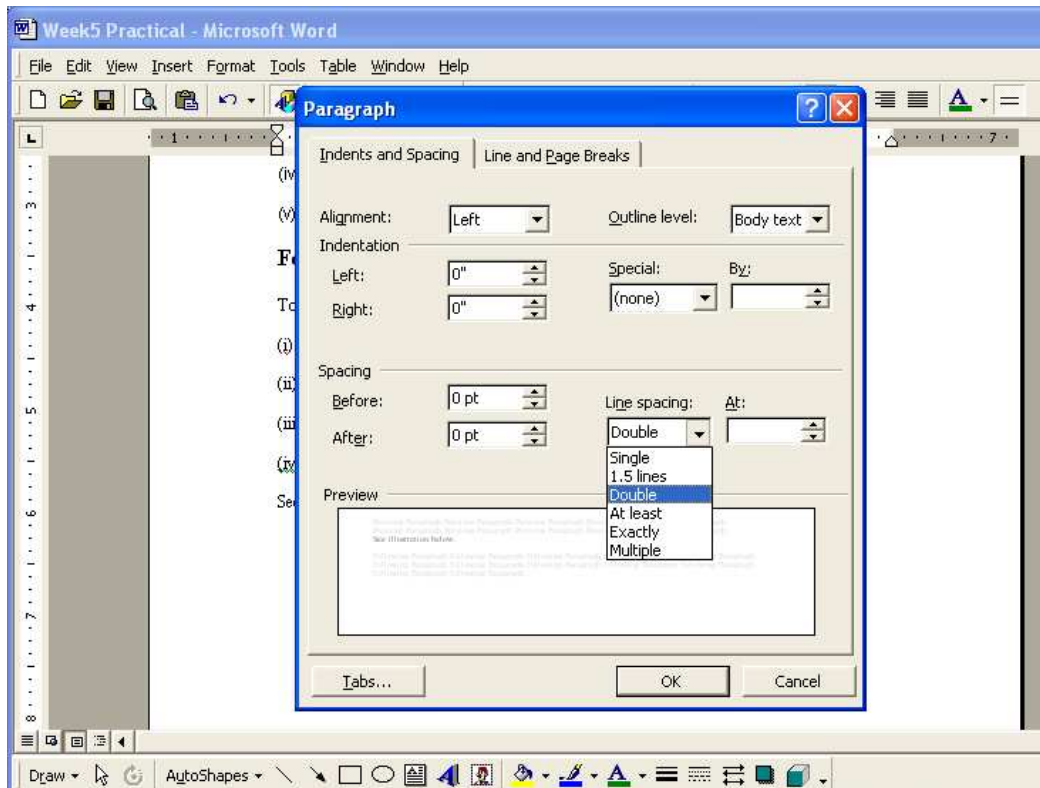
Or alternatively,

- (i) Display the document page that you want to format into double line spacing
- (ii) Select or highlight the document
- (iii) Click on format menu and select paragraph

(iii) Click on the line spacing drop down list and select double

(iv) Click OK to get it done

See illustration below:



(2) Creating, modifying and formatting tables in Ms Word

To create, modify and format tables in Ms Word, follow the steps below:

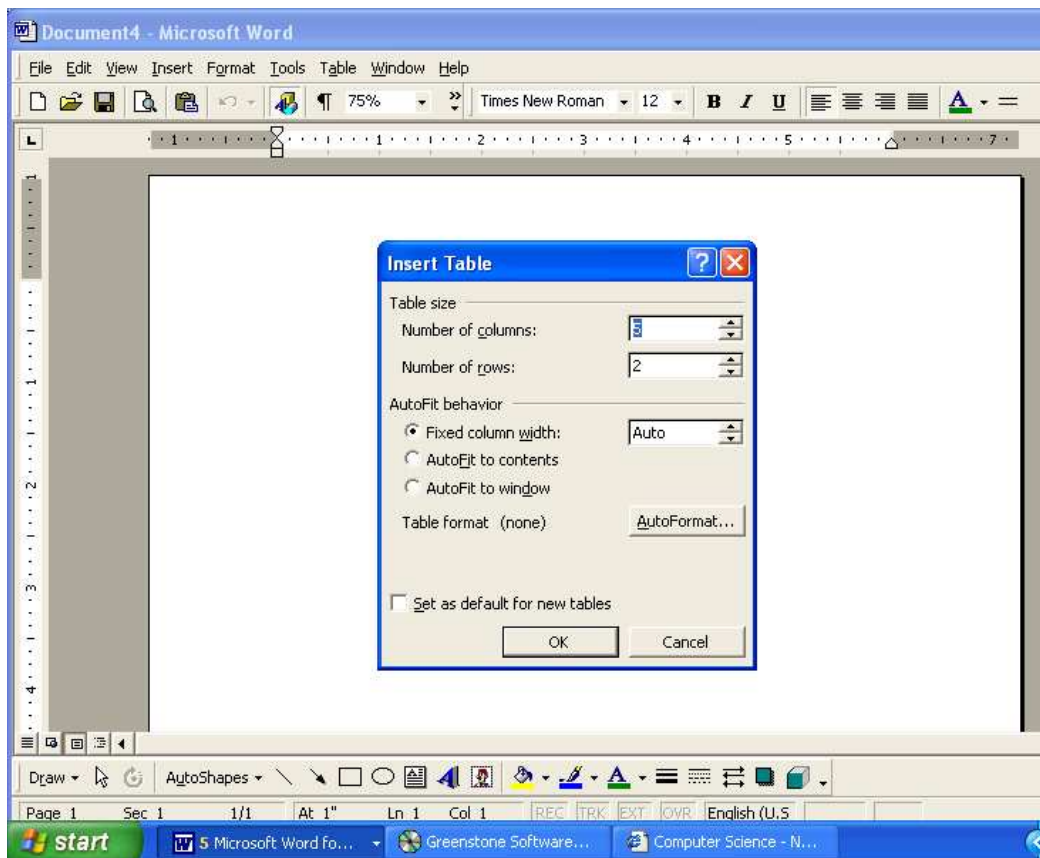
(i) Position the insertion point where you want your table to be

(ii) Click on table menu and select insert table

(iii) Select the number of columns and number of rows for your table

(iv) Click OK

See illustration below:



To modify the table, first decide whether you want to modify by insertion or by deleting.

To Modify by Inserting columns or rows, follow the steps below:

(i) Highlight the table

(ii) Click on table menu

(iii) Select insert

(iv) Choose either columns/rows to the left or columns/rows to the right

To Modify by Deleting columns or rows, follow the steps below:

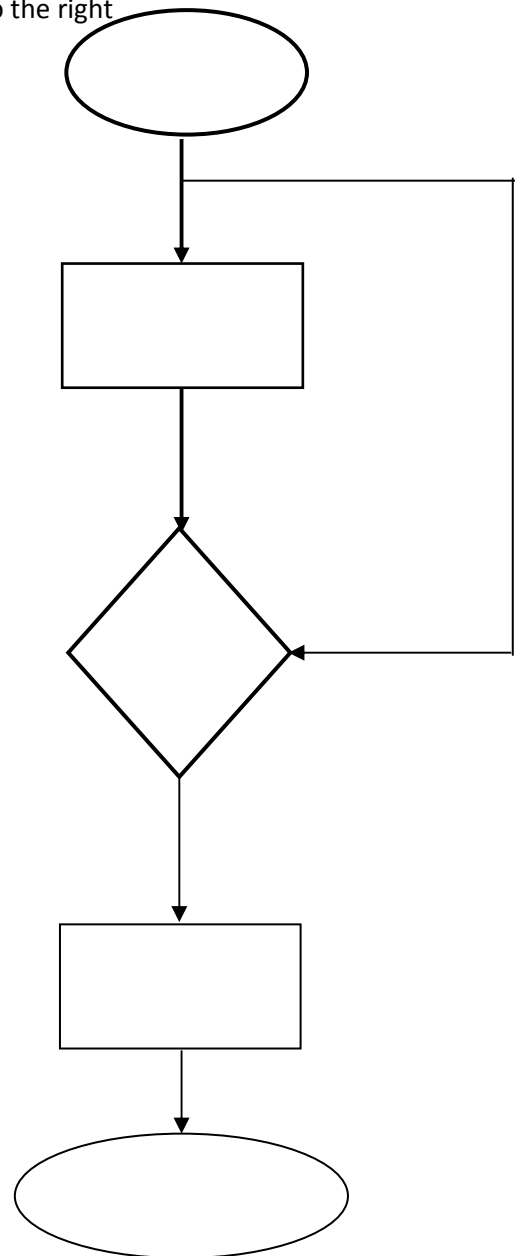
(i) Highlight the table

(ii) Click on table menu

(iii) Click on Delete and select columns or rows

(iv) Choose either columns/rows to the left or columns/rows to the right

(3) Using AutoShapes to draw flowchart in Ms Word

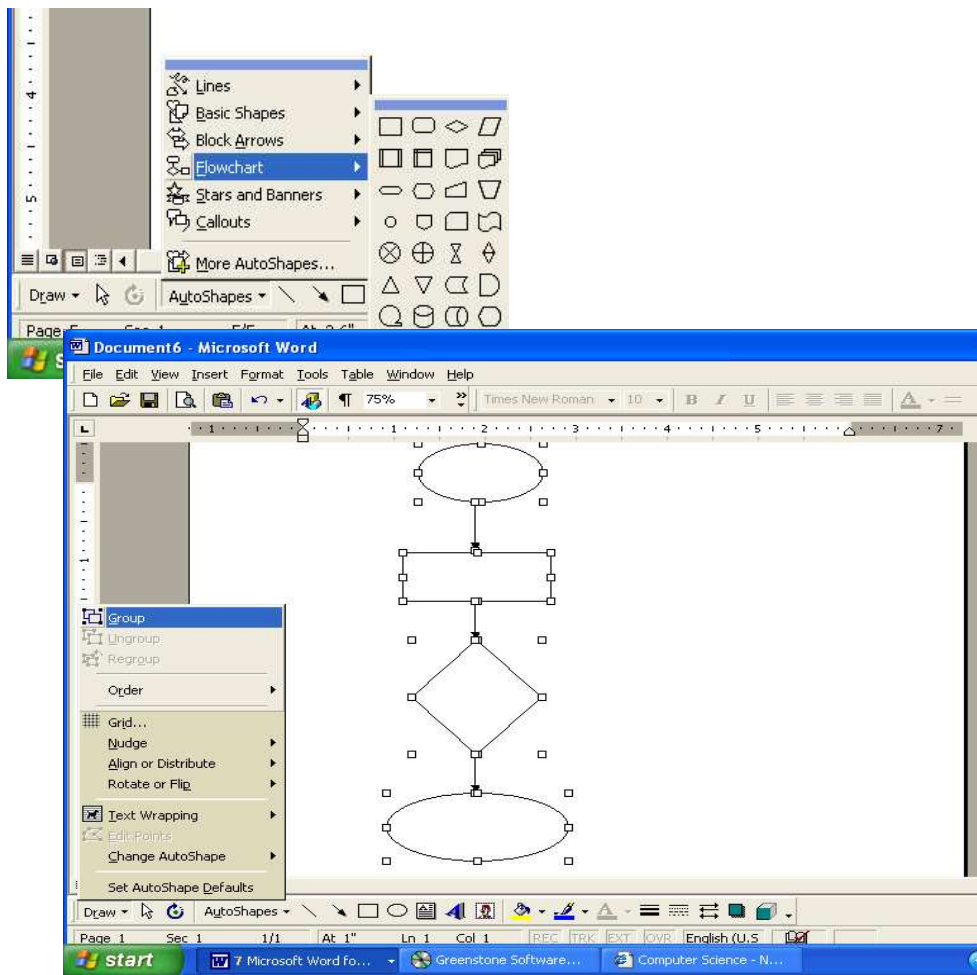


You can use AutoShapes to draw flowchart such as the one shown above.

To do this, follow the steps below:

- (i) Display the document page where you want the flowchart to be
- (ii) Click on the AutoShapes drop down list on the status bar
- (iii) Select a flowchart symbol of your of your choice by clicking on it
- (iv) Use a click-drag operation to create the shape on the screen
- (v) Select other flowchart symbols to get the flowchart the way you want
- (vi) Click on Draw drop down list on the status bar and select group

See illustrations below:

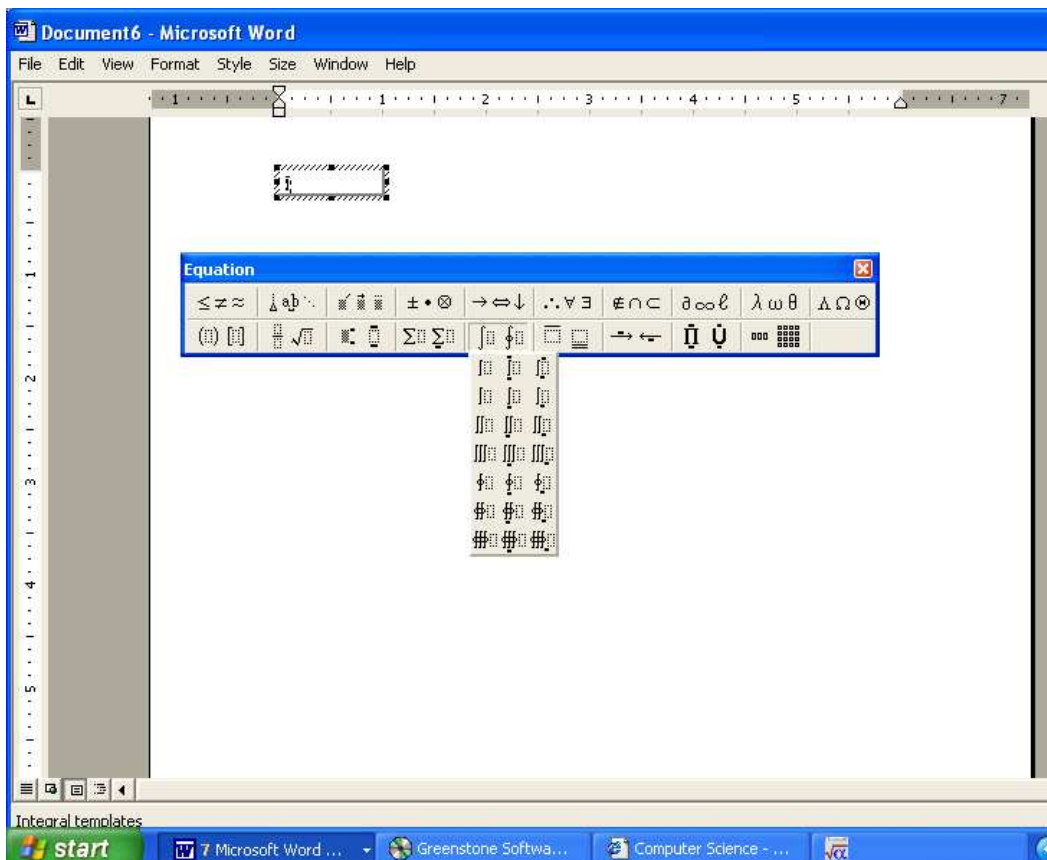


(4) Typing basic Statistical and Mathematical equations in Ms Word:

To type a Statistical or Mathematical equations, follow the steps below:

- (i) Position the cursor or insertion point where you want the equation to be
- (ii) Click on Insert Menu
- (iii) Choose object
- (iv) Click on Microsoft Equation 3.0
- (v) Click on Ok and
- (vi) Select the equation mode that corresponds to your equation
- (vii) Begin to type your equation

See illustration below.



(5) Protecting Ms Word document from unauthorized access

(i) Display the document you want to protect

(ii) Click on File Menu

(iii) Click on Save As

(iv) Click on **Tools** drop down list

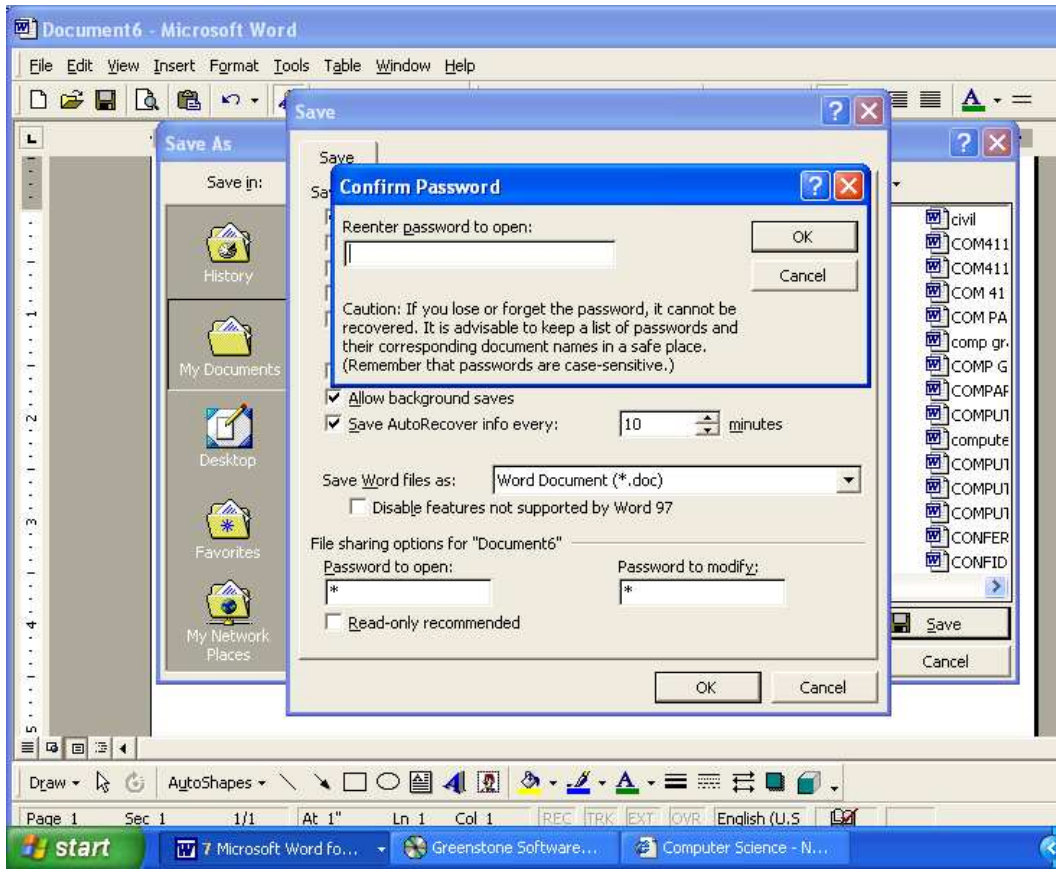
(v) Select general option

(vi) Enter your password in the **password to Open** and **password to modify** dialogue boxes and click **Ok**

(vii) Reenter your password in the **Reenter password to open** dialogue box and click **Ok**

(viii) Click on Save to get it done

See illustration below:



Week 6

At the end of week 6 Laboratory practical, students should be able to:

- (i) Know how to move from one cell to another in Ms Excel
- (ii) Enter Values and Labels into a worksheet
- (iii) Clear contents, formats or comments from cells
- (iv) Insert a new Worksheet in a Workbook or delete one from a Workbook
- (v) Print Preview a document in Ms Excel

(1) Moving from one cell to another in Ms Excel:

To move from one cell to another in Ms Excel, perform the following operations:

- (i) To move from the current cell location to the closest cell press right, left, up or down arrow key depending on your choice of direction of movement
- (ii) To jump to the last row in the Worksheet press Ctrl + ↓ (i.e. Ctrl and down arrow key)
- (iii) To jump to the last column in the Worksheet press Ctrl + → (i.e. Ctrl and right arrow key)

(2) Entering values and labels into a Worksheet:

To enter values (numeric data items) or labels (alphabetic data items) into a worksheet, perform the following operations:

- (i) Select the cell where you want to enter data

(ii) Type the data

(iii) Press enter

(3) Clearing contents, formats or comments from cells:

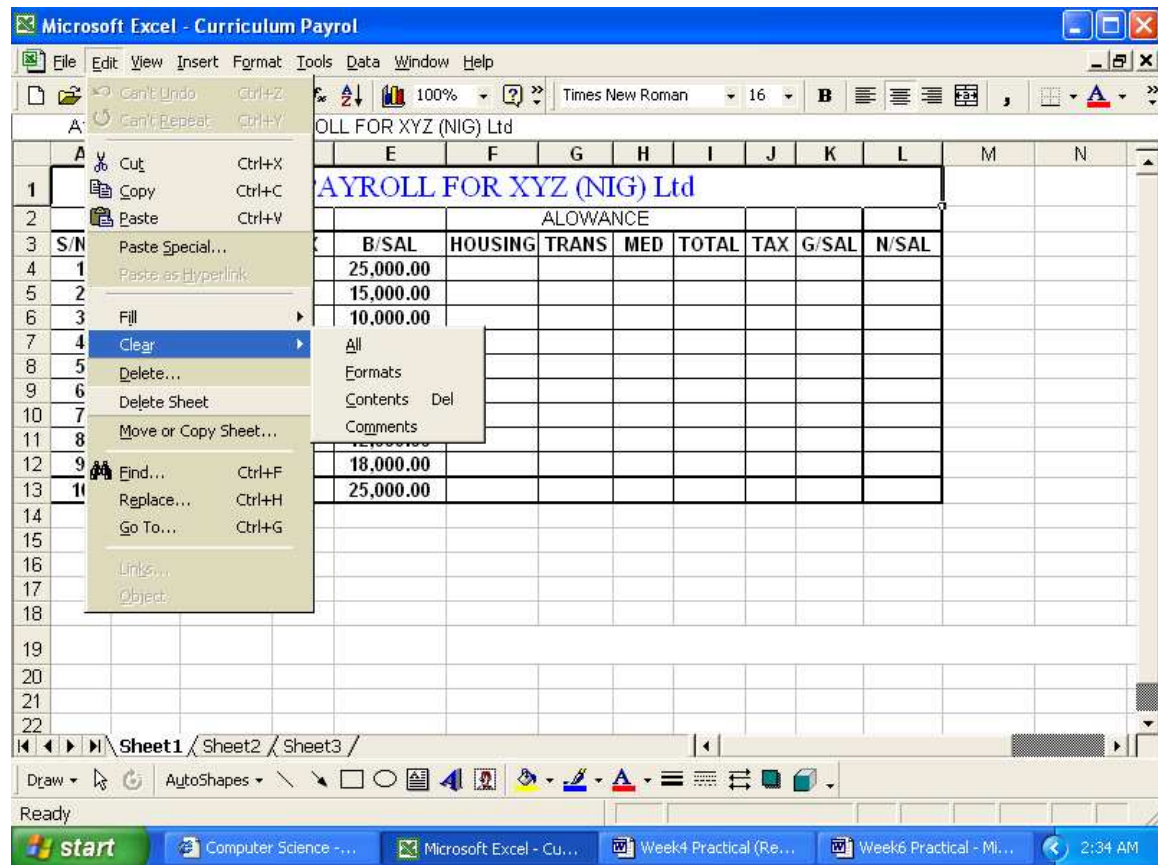
To clear contents, formats, or comments from cells, follow the steps below:

(i) Select the cells, rows, or columns you want to clear.

(ii) Click on the **Edit** menu and point to **Clear**

(iii) Click on **All**, **Contents**, **Formats**, or **Comments**.

See illustration below:



(4)

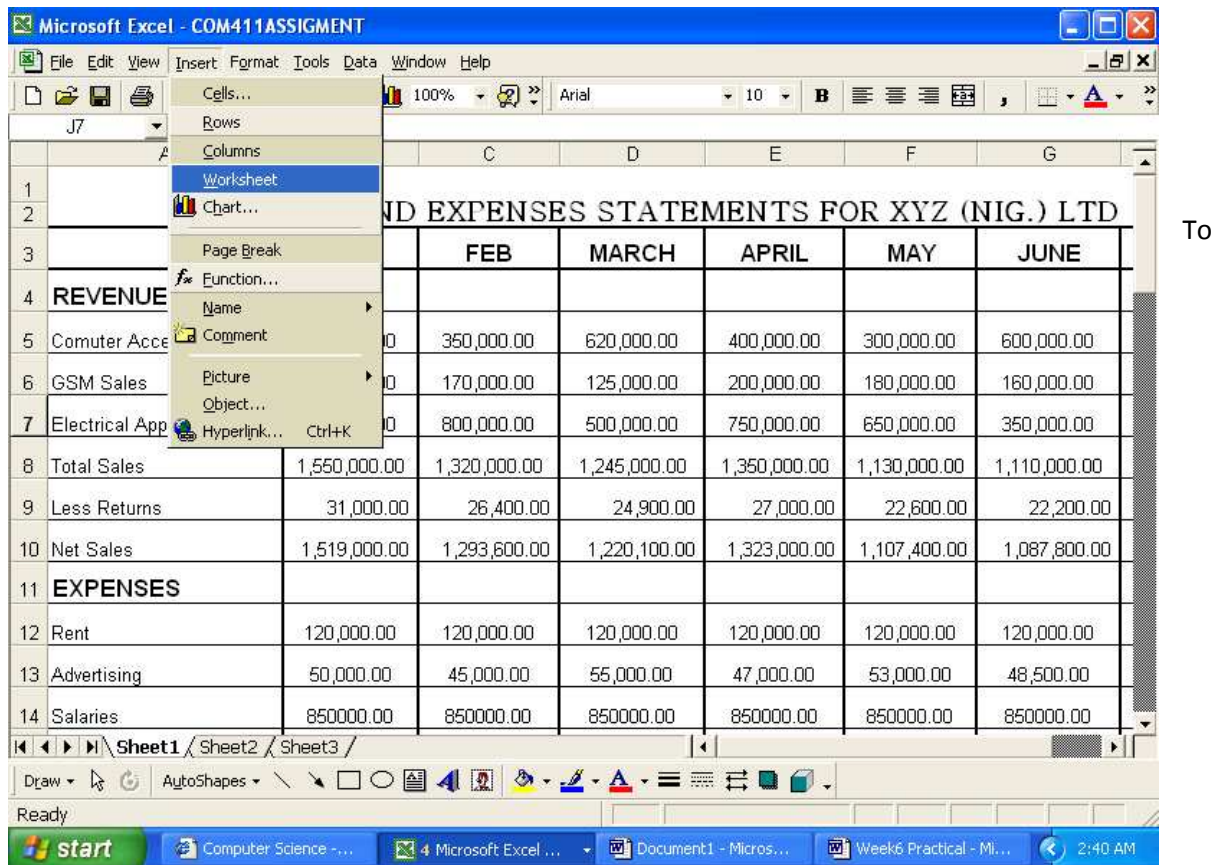
Inserting a Worksheet into a Workbook or deleting one:

To insert a Worksheet into a Workbook, follow the steps below:

(i) Click on Insert menu

(ii) Choose Worksheet

See illustration below:



To

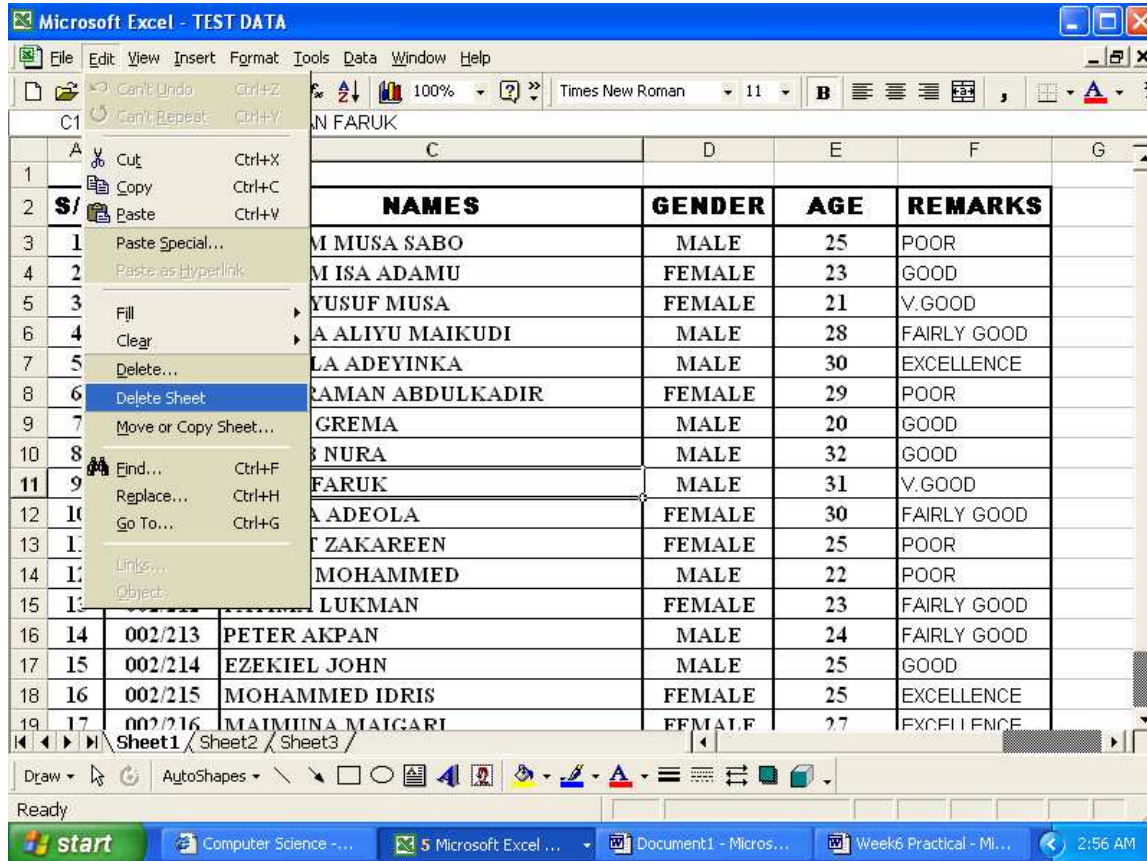
delete a Worksheet from a Workbook, follow the steps below:

(i) Select the Sheet that you want to delete

(ii) Click on Edit Menu

(iii) Select delete sheet

See illustration below:



(5)

Print

previewing a document:

To print preview a document, follow the steps below:

- (i) Click on File menu
- (ii) Click on Print preview
- (iii) Click on page break preview
- (iv) Click on Ok
- (v) Use a click-drag operation to adjust where page breaks are

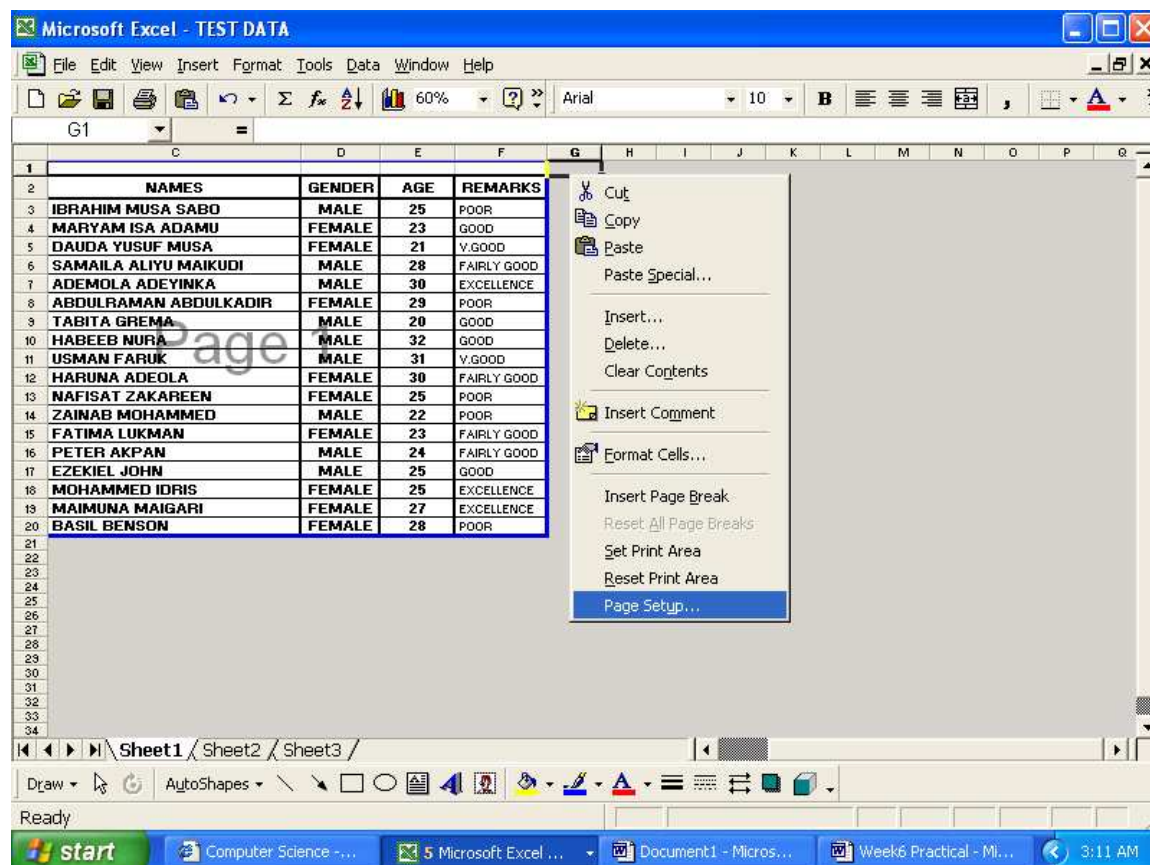
(vi) Right click on a free space

(vii) Choose page set up

(viii) Click on print preview

(ix) Click on normal view

See illustration below:



Practical Assignments and Exercises:

Students should be guided to perform the following in the lab

- (i) Enter and Format text and other data in the worksheet
- (ii) Use borders option in the formatting tool bar to create tables in Ms Excel
- (iii) Wrap text in a cell and also insert new columns and rows in a Worksheet
- (iv) Set up simple formulas to perform calculations
- (v) Use the Fill handle and the fill command in Edit menu to copy formulas to different cells locations
- (vi) Enter numbers as text in the worksheets
- (vii) Protect Ms Excel document from unauthorized access
- (viii) Merge and centre text in a range of cells
- (ix) Adjust column widths to accommodate data and format row heights
- (x) Copy and paste, and cut and paste operations

Week 7

At the end of week 7 Laboratory practical, students should be able to:

- (i) Prepare Budget with Ms Excel
- (ii) Give Column Headings (in the Budget table) different text Orientations
- (iii) Set up Formulas to perform Calculations on the Budget table
- (iv) Represent the Budget Information on Charts and Graphs
- (v) Print out the hard copy of the document

(1) Preparing a typical budget table with Ms excel

Students should be guided on how to prepare different types of budgets, which could be:

- (i) Individual daily, weekly, monthly or yearly budget
- (ii) Company's budget
- (iii) Government's budget (Local Govt., State, or Federal)

The following serves as an illustration.

Students should be guided to create a similar budget table or any other budget table and enter data into the table, then set up correct formulas that would do the calculations.

BUDGET TABLE

	A	B	C	D	E	F	G	H
1	REVENUE AND EXPENSES STATEMENT FOR X Y Z (Nig.) Ltd							
2								
3		JAN	FEB	MARCH	APRIL	MAY	JUNE	TOTAL
4	REVENUE							
5	Computer Accessories							
6	GSM sales							
7	Electrical Appliances							
8	Total Sales							
9	Less Returns							
10	Net Sales							
11	EXPENSES							
12	Rent							
13	Advertising							
14	Salaries							
15	Cost of Sales							
16	Total Expenses							
17	NET INCOME							

Note:

Returns is computed as **2% of total sales** and the **Cost of Sales** as **5% of Total Sales**.

Net Sales is computed as **Total Sales less Returns**

Total Expenses is computed as **the Sum of all the Expenses**

Net Income is computed as **Net Sales Less Total Expenses**.

Total is computed as the **sum of each item for the Six months**

(i) Load Ms Excel and Enter the Data and formulas as may be specified by your teacher

(ii) Save your Budget Table with a Filename

(2) Giving column headings different text orientations

To give Column headings different text orientation, follow the steps below:

(i) Select the Column headings you want to give different orientations

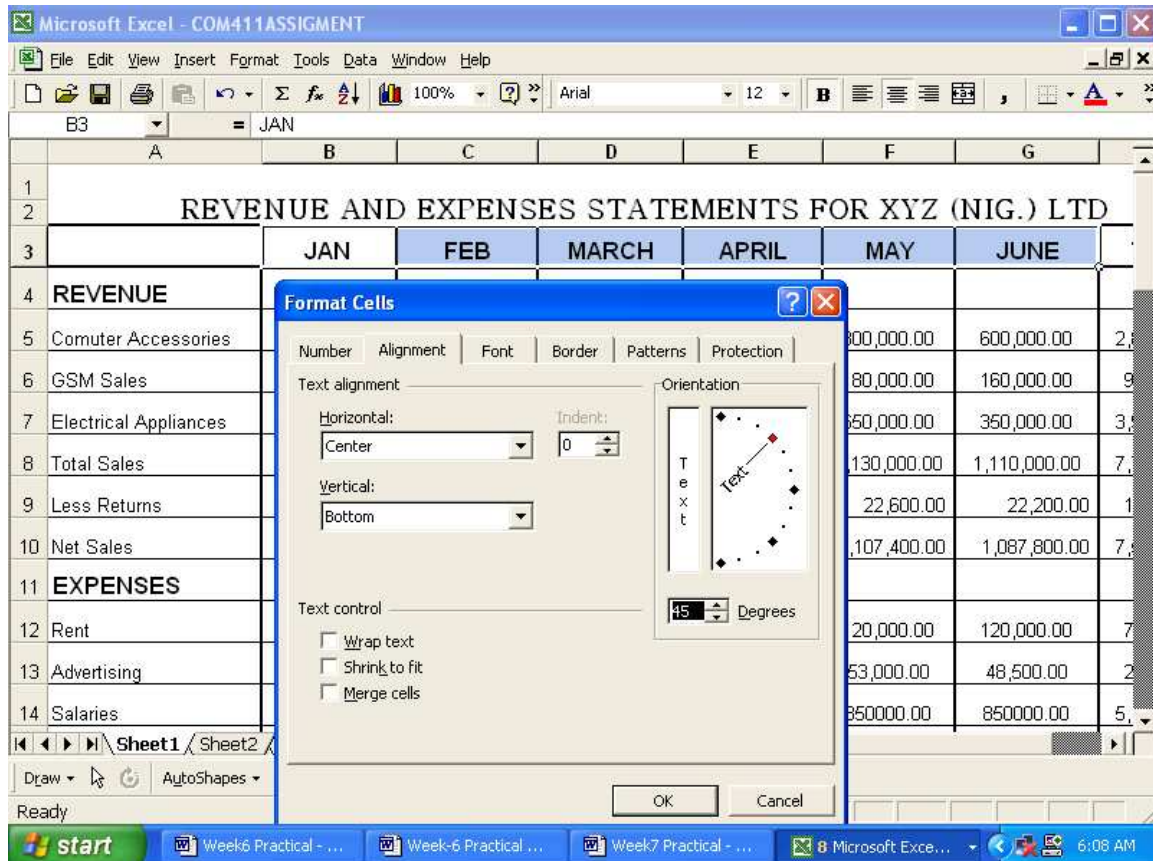
(ii) Click on Format Menu and Select Cells

(iii) Click the Alignment tab

(iv) Click the text Orientation and drag it to a degree of your choice

(v) Click OK to get it done

See illustration below



(3) Setting up formulas to compute value on the budget table above:

(i) Locate Cell B8 and enter the Formula =SUM (B5: B7) to Compute Total Sales

(ii) Locate Cell B9 and enter the Formula = 2%*B8 to Computer Less Returns

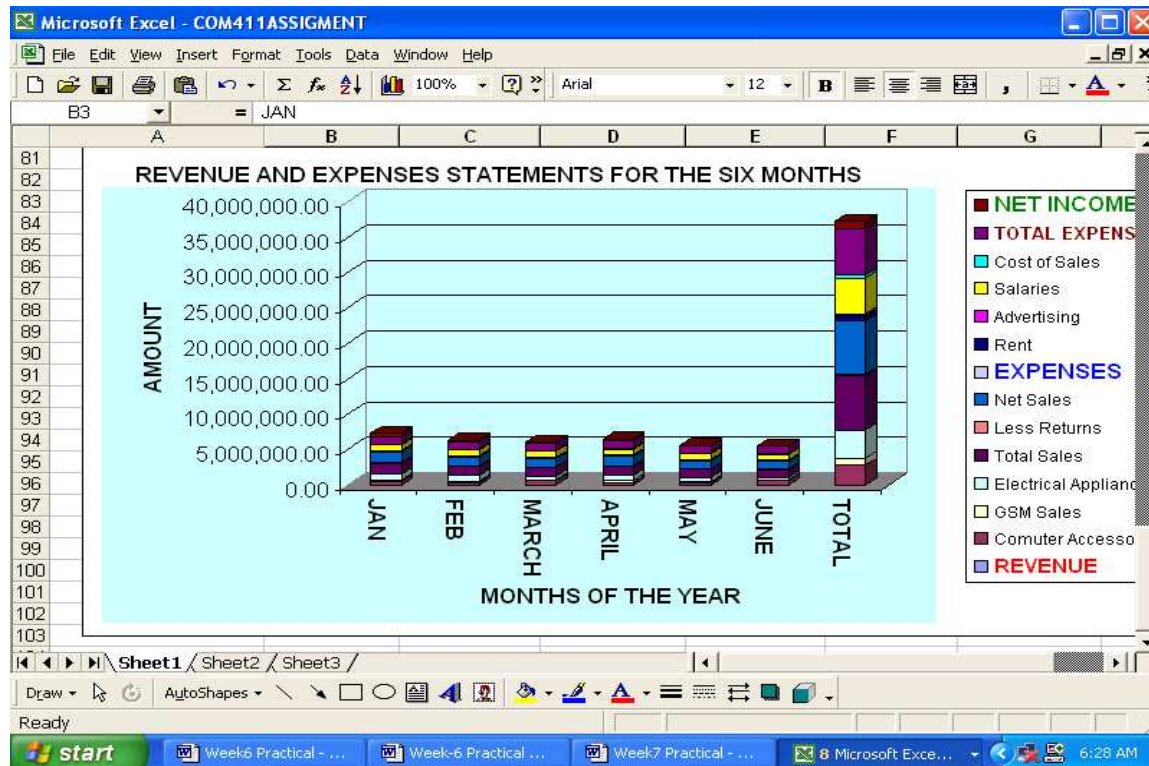
(iii) Locate Cell B10 and enter the Formula = B8-B9 to Compute Net Sales

(iv) Locate Cell B15 and Enter the Formula =5%*B8 to Compute Cost of sales

(v) Locate Cell B16 and Enter the Formula = SUM (B12:B15) to Compute Total

Expenses

(vi) Locate Cell B17 and Enter the Formula = B10 – B16 to Compute the Net



Income

(vii) Locate CellH5 and Enter the Formula = Total for the Computer Accessories for the Six months

Note: Press enter key after entering each formula

(4) Representing the budget information on charts and graphs

To Represent the Ms Excel budget Information on Charts and Graphs, follow the Steps below:

(i) Select the Parts of Ms Excel Table you want to use in plotting the Chart

(ii) Click on Insert Menu and Choose Chart

(iii) Select Chart Type and Chart Sub Type

(iv) Click on Next and Select the Data Range

(v) Click on Next and Add Title to Chart in Chart Title Box

(vi) Enter Titles for Y-axis in Value Y-axis, and X-axis in Category X-axis box

(vii) Click on Next and Choose Finish to get it done

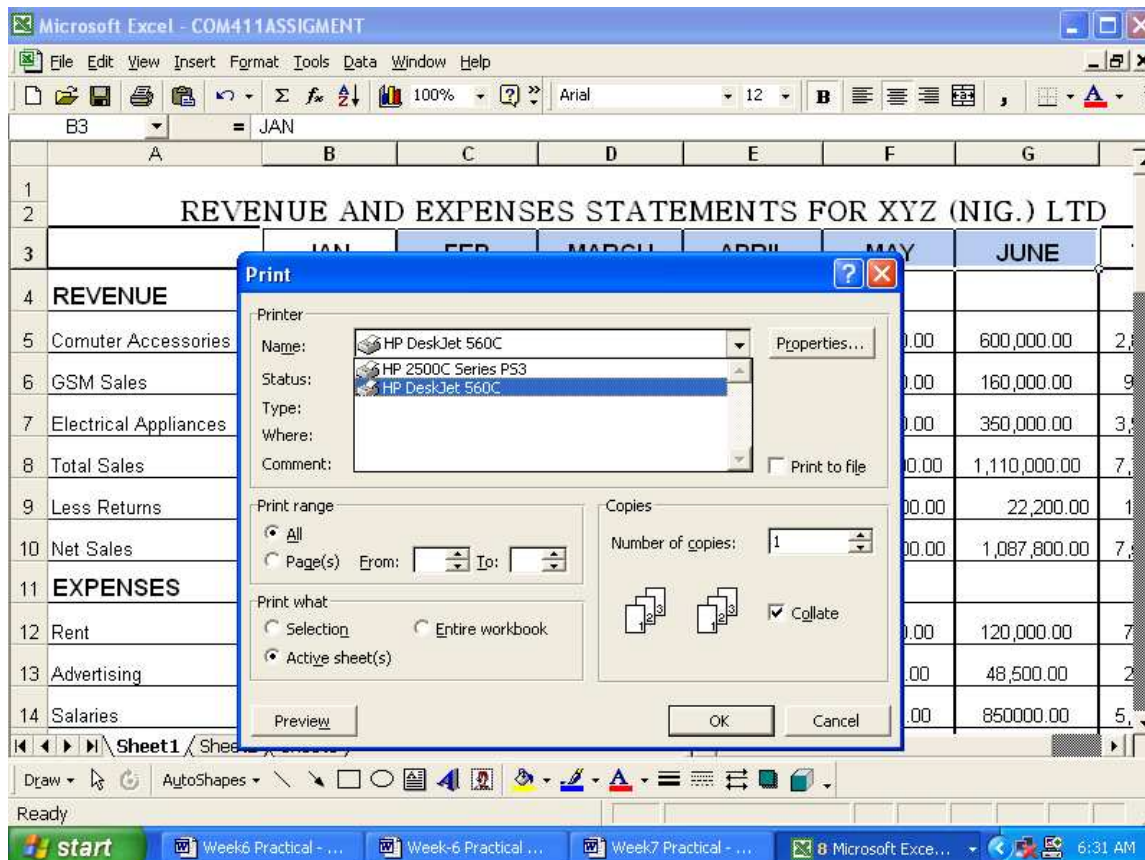
See illustration below

(5) Printing ms excel documents

To print Ms Excel document, follow the steps below:

- (i) Get the document you want to Print on the display
- (ii) From the File Menu Click on Print
- (iii) Select the Printer option
- (iv) Select the print range
- (v) Select the number of Copies you want to print
- (vi) Click on Print to get it done

See illustration below:



Practical Assignments and Exercises:

Students should be guided to perform the following practical in the lab:

(i) Prepare invoice with Spreadsheet and perform calculations using formulas and

functions

(ii) Use Electronic spreadsheet to prepare Class results and carry out calculations using

formulas and functions

(iii) Set up a Database record in Ms Excel then Filter the records and as well sort the

records.

(iv) Insert comments in a cell and rename a Worksheet

(v) Protect a Worksheet so that the document is read only

(2) Setting up formulas for payroll calculations

To perform calculations in the payroll table above, follow the steps below:

- (i) Locate Cell F3 and Enter the Formula $=80\% * E3$
- (ii) Locate Cell G3 and Enter the Formula $= 70\% * E3$
- (iii) Locate cell H3 and Enter the Formula $= 75\% * E3$
- (iv) Locate Cell I3 and Enter the Formulas $= \text{SUM} (F3:H3)$
- (V) Locate Cell J3 and Enter the Formula $= 10\% * E3$
- (vi) Locate Cell K3 and Enter the Formula $= \text{SUM} (E3:H3)$
- (Vii) Locate Cell L3 and Enter the Formula $=K3 - J3$
- (viii) Copy the Results On the Range F3: L3 to F102: L102

(3) Protecting ms excel document from unauthorized access

To Protect Ms Excel Document from unauthorized access, follow the steps below:

- (i) Click on File Menu and Choose Save As
- (ii) Click on Tools and Select General option
- (iii) Enter Password in the Password to Open dialog box
- (iv) Enter Password in Password to Modify box and Click OK
- (v) Enter Password in Reenter Password to Open Box and Click OK
- (vi) Enter your Password in Reenter Password to Modify box and Click OK
- (vii) Click on Save to get it done.

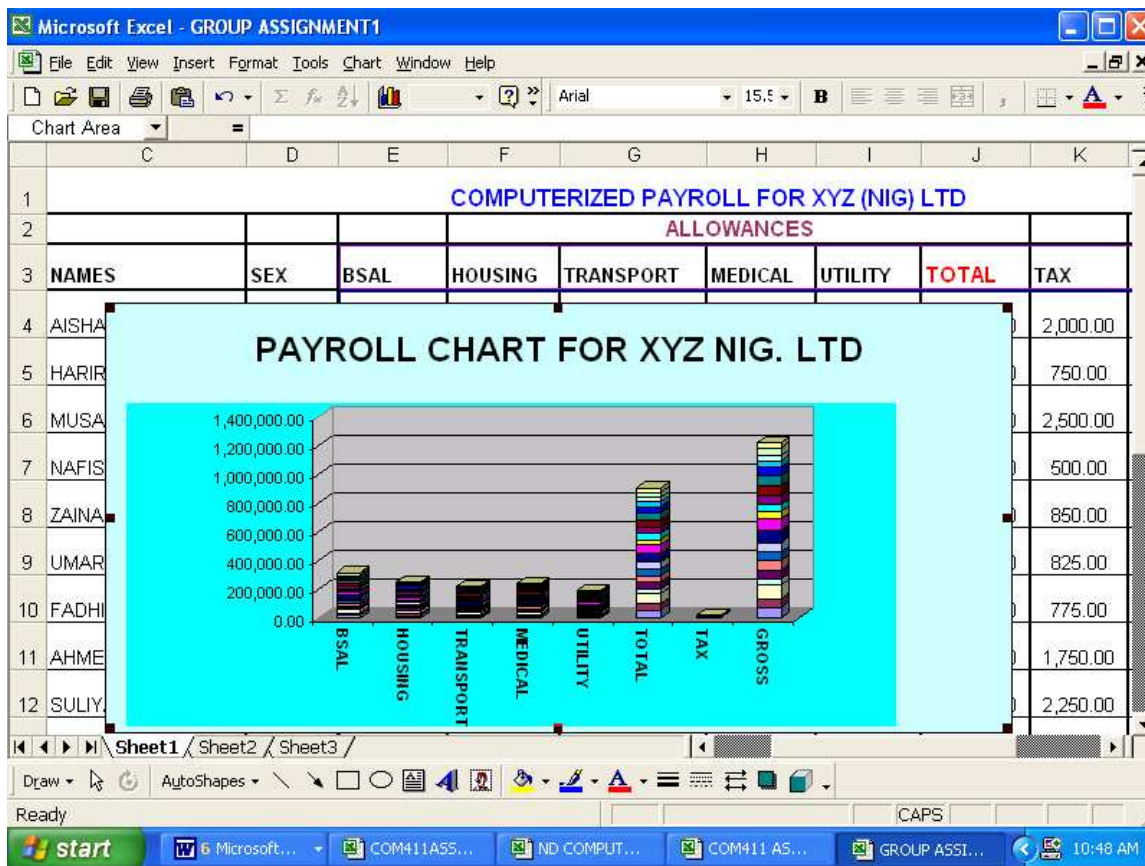
(4) Representing payroll information on charts and graphs

To Represent Ms Excel Information on Chart and Graphs, follow the Steps below:

- (i) Select the Parts of Ms Excel Table you want to use in plotting the Chart

- (ii) Click on Insert Menu and Choose Chart
- (iii) Select Chart Type and Chart Sub Type
- (iv) Click on Next and Select and Select the Data Range
- (v) Click on Next and Add Title to Chart in Chart Title Box
- (vi) Enter Titles for Y-axis in Value Y-axis, and X-axis in Category X-axis box
- (vii) Click on Next and Choose Finish to get it done

See illustration below



(5) Using Ms Excel worksheet functions for calculations

The teacher should give the students Practical Assignments that involves the use of the

Following worksheet functions

- (i) Mathematical Worksheet Functions
- (ii) Statistical Worksheet Functions
- (ii) Engineering Worksheet Functions
- (iv) Financial Worksheet Functions
- (v) Look-up and Reference Worksheet Functions
- (vi) Database and List Management Worksheet Functions
- (vii) Text Worksheet functions
- (viii) Logical Worksheet functions
- (ix) Information Worksheet functions
- (x) Date and Time worksheet functions

Week 9

At the end of week 9 Laboratory practical, students should be able to use Peachtree or DacEasy

Accounting to:

- (i) Prepare general Ledger
- (ii) Prepare Account Receivables
- (iii) Prepare Account Payables
- (iv) Prepare Payroll
- (v) Prepare Invoice

(1) Preparing general ledger with DacEasy Accounting software Package:

To prepare general Ledger with DacEasy Accounting, follow the steps below:

- (i) Load DacEasy Accounting for Windows
- (ii) Click on Transactions menu
- (iii) Select general Ledger
- (iv) Enter your Account (i.e. the transactions) in General Ledger Transaction Entry
- (v) Save

(2) Preparing Account Receivables with DacEasy Accounting software Package:

To prepare Account Receivables with DacEasy Accounting, follow the steps below:

- (i) Load DacEasy Accounting for Windows
- (ii) Click on Transactions menu
- (iii) Select receivables ledger
- (iv) Enter your Accounts in Receivables ledger Transaction entry
- (v) Save your entries

(3) Preparing Account payables with DacEasy Accounting software Package:

To prepare Account Receivables with DacEasy Accounting, follow the steps below

- (i) Load DacEasy Accounting for Windows
- (ii) Click on Transactions menu
- (iii) Select Payables ledger
- (iv) Enter your Accounts in Payables ledger Transaction entry
- (v) Save your entries

(4) Preparing payroll with DacEasy Accounting software Package

To prepare payroll with DacEasy Accounting, follow the steps below

- (i) Load DacEasy Accounting for Windows
- (ii) Click on modules and select Payroll
- (iii) Enter the payroll data
- (iv) Follow the instructions until you are through

(5) Preparing invoice with DacEasy Accounting software Package

To prepare invoice with DacEasy Accounting, follow the steps below:

(i) Load DacEasy Accounting for Windows

(ii) Click on invoices Icon

(iii) Make your entries in the invoice

(iv) Save your Entries

Week 10

At the end of week 9 Laboratory practical, students should be able to use Peachtree or DacEasy

Accounting to:

- (i) Prepare general Ledger
- (ii) Prepare Account Receivables
- (iii) Prepare Account Payables
- (iv) Prepare Payroll
- (v) Prepare Invoice

(1) Preparing general ledger with DacEasy Accounting software Package:

To prepare general Ledger with DacEasy Accounting, follow the steps below:

- (i) Load DacEasy Accounting for Windows
- (ii) Click on Transactions menu
- (iii) Select general Ledger
- (iv) Enter your Account (i.e. the transactions) in General Ledger Transaction Entry
- (v) Save

(2) Preparing Account Receivables with DacEasy Accounting software Package:

To prepare Account Receivables with DacEasy Accounting, follow the steps below:

- (i) Load DacEasy Accounting for Windows
- (ii) Click on Transactions menu
- (iii) Select receivables ledger
- (iv) Enter your Accounts in Receivables ledger Transaction entry
- (v) Save your entries

(3) Preparing Account payables with DacEasy Accounting software Package:

To prepare Account Receivables with DacEasy Accounting, follow the steps below

- (i) Load DacEasy Accounting for Windows
- (ii) Click on Transactions menu
- (iii) Select Payables ledger
- (iv) Enter your Accounts in Payables ledger Transaction entry
- (v) Save your entries

(4) Preparing payroll with DacEasy Accounting software Package

To prepare payroll with DacEasy Accounting, follow the steps below

- (i) Load DacEasy Accounting for Windows
- (ii) Click on modules and select Payroll
- (iii) Enter the payroll data
- (iv) Save your entries

(5) Preparing invoice with DacEasy Accounting software Package

To prepare invoice with DacEasy Accounting, follow the steps below:

(i) Load DacEasy Accounting for Windows

(ii) Click on invoices Icon

(iii) Make your entries in the invoice

(iv) Save your Entries

Week 11

At the end of week 11 Practical, students should be able to:

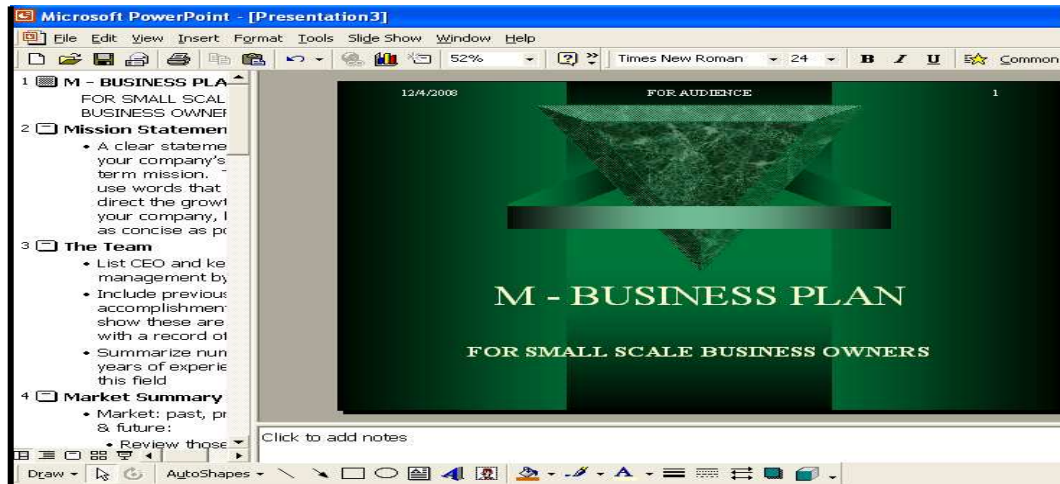
- (1) Create and save a New Presentation with Ms Power Point
- (2) Create a New Slide and then change the layout of a Slide
- (3) Insert Music or Sound in a Slide
- (4) Insert Video in a Slide
- (5) Change a Slide background color

(1) Creating and saving a Presentation based on suggested Contents and Design:

To Create and Save a presentation based on suggested contents and Design, follow the steps below:

- (i) Click on File menu and choose New
- (ii) Click on General tab and Double-Click on AutoContent wizard
- (iii) Follow the instructions in the Wizard
- (iv) Change the Sample Presentation to suit your need
- (v) When you finish, click Save on the File Menu
- (vi) Name your Presentation and Click save

See illustrations below

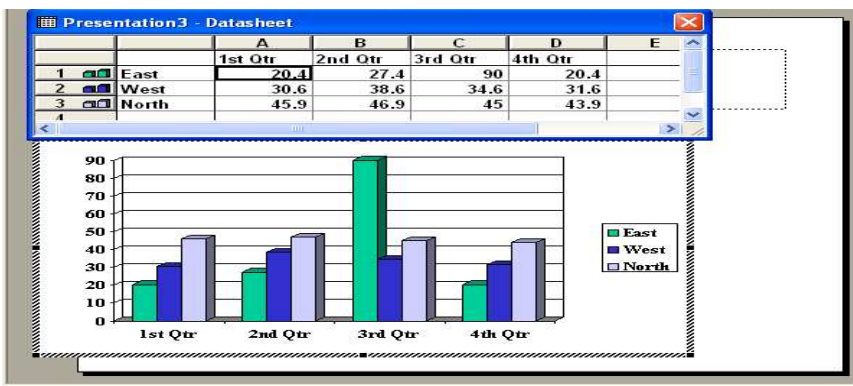


(2) Creating a New Slide and then Changing the layout of a Slide

To create a New Slide, follow the steps below:

- (i) Click on insert menu and choose New slide
- (2) Scroll through the layout and then click the one you want

See illustration below:



(3) Inserting Music or sound in a flash:

To insert music or Sound in a Slide, follow the steps below:

- (i) Display the Slide you want to add Music or Sound to
- (ii) Click on insert Menu and point to movies and sound

- (iii) To insert Sound from the Clip gallery, click **sound from gallery**
- (iv) Locate and insert the Sound that you want
- (v) To insert Sound from another location, click sound from file
- (vi) Locate the Folder that contains the Sound
- (vii) Double Click the Sound that you want
- (viii) Click yes if you want the sound to play automatically when you go to the slide
- (ix) Click No if you want the sound to play only when you click the Slide icon during a Slideshow

(4) Inserting Video in a Slide:

To insert video in a Slide, follow the steps below:

- (i) Display the Slide you want to add the video to
- (ii) Click on Insert Menu
- (iii) Point to movies and sound
- (iv) To insert a video from the clip gallery, click movie from the gallery
- (v) Locate and insert the video that you want
- (vi) To insert a video from another location, click movie from file
- (vii) Locate the folder that contains the video

(viii) Double click the video that you want

(ix) Click yes if you want the video to play automatically when you go to the slide

(x) Click No if you want the video to play only when you click the movie during a

Slideshow

(5) Changing a Slide background color:

To change a Slide background color, follow the steps below:

(i) Display the Slide that you want to change background

(ii) Click on Format menu and choose background

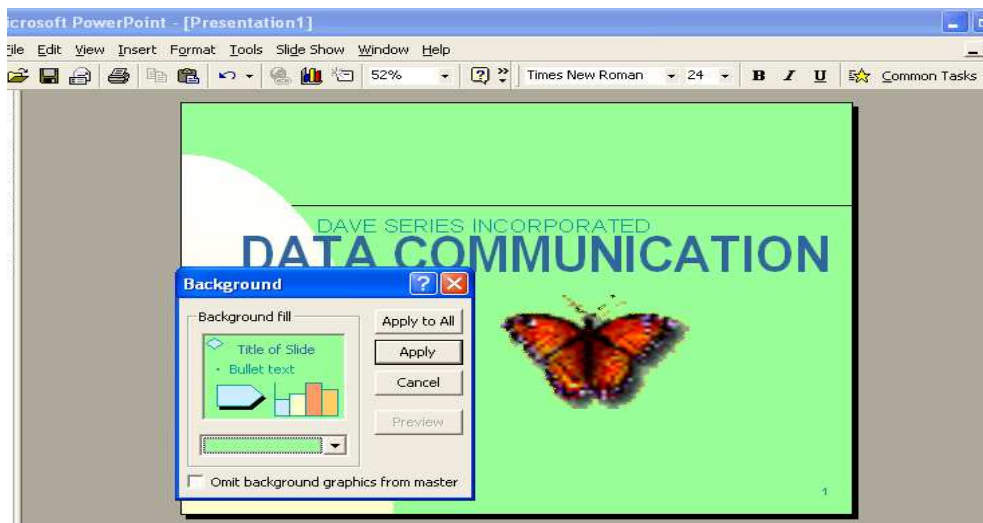
(iii) Click the down arrow under Background fill

(iv) Click on one of the eight colors below automatic to change to a color in the color scheme

(v) To change to a color that is not in the color scheme click more colors

(vi) To apply the change to the current Slide, click Apply.

See illustration below:



Week 12

At the end of week 11 Practical, students should be able to:

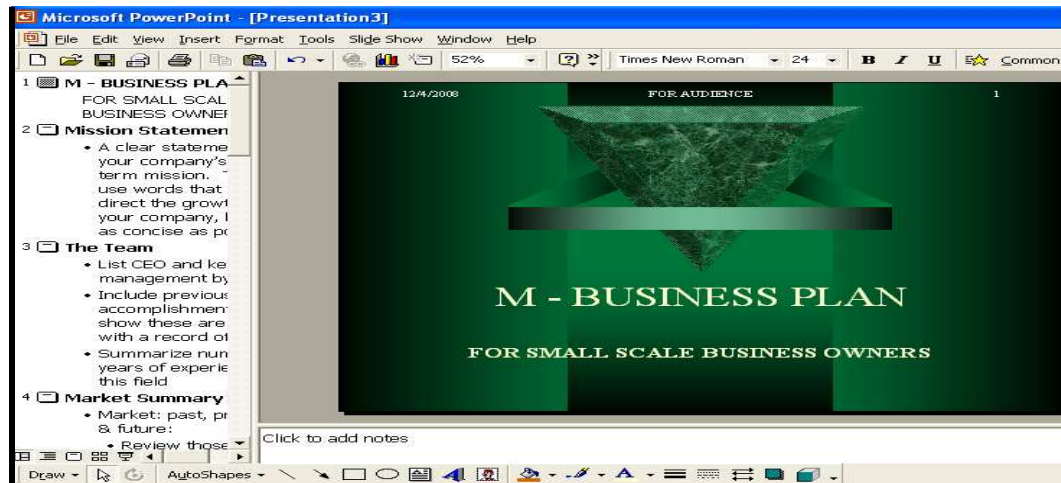
- (1) Create and save a New Presentation with Ms Power Point
- (2) Create a New Slide and then change the layout of a Slide
- (3) Insert Music or Sound in a Slide
- (4) Insert Video in a Slide
- (5) Change a Slide background color

(1) Creating and saving a Presentation based on suggested Contents and Design:

To Create and Save a presentation based on suggested contents and Design, follow the steps below:

- (i) Click on File menu and choose New
- (ii) Click on General tab and Double-Click on AutoContent wizard
- (iii) Follow the instructions in the Wizard
- (iv) Change the Sample Presentation to suit your need
- (v) When you finish, click Save on the File Menu
- (vi) Name your Presentation and Click save

See illustrations below



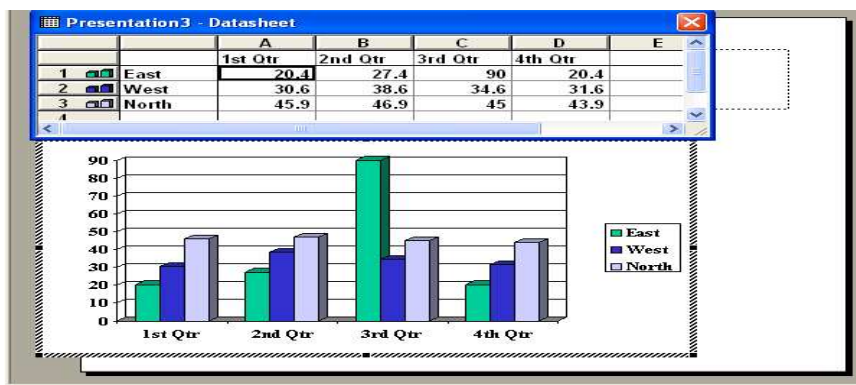
(2) Creating a New Slide and then changing the layout of a Slide

To create a New Slide, follow the steps below:

(i) Click on insert menu and choose New slide

(2) Scroll through the layout and then click the one you want

See illustration below:



(3) Inserting Music or sound in a flash:

To insert music or Sound in a Slide, follow the steps below:

- (i) Display the Slide you want to add Music or Sound to
- (ii) Click on insert Menu and point to movies and sound
- (iii) To insert Sound from the Clip gallery, click **sound from gallery**
- (iv) Locate and insert the Sound that you want
- (v) To insert Sound from another location, click sound from file
- (vi) Locate the Folder that contains the Sound
- (vii) Double Click the Sound that you want
- (viii) Click yes if you want the sound to play automatically when you go to the slide
- (ix) Click No if you want the sound to play only when you click the Slide icon during a Slideshow

(4) Inserting Video in a Slide:

To insert video in a Slide, follow the steps below:

- (i) Display the Slide you want to add the video to
- (ii) Click on Insert Menu
- (iii) Point to movies and sound
- (iv) To insert a video from the clip gallery, click movie from the gallery
- (v) Locate and insert the video that you want
- (vi) To insert a video from another location, click movie from file

(vii) Locate the folder that contains the video

(viii) Double click the video that you want

(ix) Click yes if you want the video to play automatically when you go to the slide

(x) Click No if you want the video to play only when you click the movie during a

Slideshow

(5) Changing a Slide background color:

To change a Slide background color, follow the steps below:

(i) Display the Slide that you want to change background

(ii) Click on Format menu and choose background

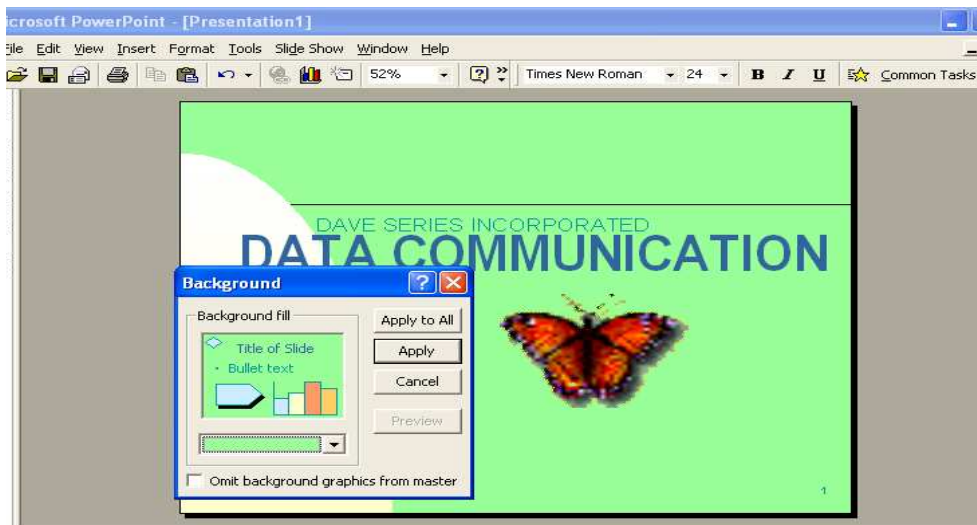
(iii) Click the down arrow under Background fill

(iv) Click on one of the eight colors below automatic to change to a color in the color scheme

(v) To change to a color that is not in the color scheme click more colors

(vi) To apply the change to the current Slide, click Apply.

See illustration below:



Week 13

At the end of week 11 Practical, students should be able to:

- (1) Carry out Presentation on Sales promotion
- (2) Carry out presentation on marketing plan
- (3) Carry out Presentation on Company's meeting
- (4) Carry out Presentation on Employee's orientation
- (5) Carry out Presentation on Selling a Product

(1) Carrying out presentation on Sales Promotion

To carry out Presentation on Sales promotion, follow the steps below:

- (i) Load Ms Power point
- (ii) Select create a new Presentation using Autocontent Wizard
- (iii) Click on Ok
- (iv) Click on Next
- (v) Click on All and Select Sales promotion
- (vi) Select Next
- (vii) Select On-Screen Presentation
- (viii) Enter presentation Title and Footer
- (ix) Click on Next
- (x) Click on Finish

(2) Carrying out presentation on Marketing Plan

To carry out Presentation on marketing plan, follow the steps below:

- (i) Load Ms Power point
- (ii) Select create a new Presentation using Autocontent Wizard
- (iii) Click on Ok
- (iv) Click on Next
- (v) Click on All and Select Marketing Plan
- (vi) Select Next
- (vii) Select On-Screen Presentation
- (viii) Enter presentation Title and Footer
- (ix) Click on Next
- (x) Click on Finish

(3) Carrying out presentation on Company's Meeting

To carry out Presentation on Company's meeting, follow the steps below:

- (i) Load Ms Power point
- (ii) Select create a new Presentation using Autocontent Wizard
- (iii) Click on Ok
- (iv) Click on Next
- (v) Click on All and Select Company's Meeting
- (vi) Select Next
- (vii) Select On-Screen Presentation
- (viii) Enter presentation Title and Footer
- (ix) Click on Next
- (x) Click on Finish

(4) Carrying out presentation on Employee's Orientation

To carry out Presentation on employee's orientation, follow the steps below:

- (i) Load Ms Power point
- (ii) Select create a new Presentation using Autocontent Wizard
- (iii) Click on Ok
- (iv) Click on Next
- (V) Click on All and Select Employee's orientation
- (vi) Select Next
- (vii) Select On-Screen Presentation
- (viii) Enter presentation Title and Footer
- (ix) Click on Next
- (x) Click on Finish

(5) Carrying out presentation on Selling a Product

To carry out Presentation on Selling a product, follow the steps below:

- (i) Load Ms Power point
- (ii) Select create a new Presentation using Autocontent Wizard
- (iii) Click on Ok
- (iv) Click on Next
- (V) Click on All and Select Selling a Product
- (vi) Select Next
- (vii) Select On-Screen Presentation
- (viii) Enter presentation Title and Footer
- (ix) Click on Next
- (x) Click on Finish

See illustration of Presentation on training

The image shows a presentation software interface. On the left is a table of contents with six main sections:

- PRESENTATION ON STAFF TRAINING**
 - STAFF TRAINING
- Introduction**
 - Training of academic Staff
 - Benefits of Academic Staff training
 - Conditions for qualification for training
- Types of training**
 - Formal
 - Informal
- Overview**
 - Explain how all the individual topics fit together
- Vocabulary**
 - Glossary of terms
 - Define the terms as used in this subject
- Topic One**
 - Explain details

The main slide area on the right has a blue background with a lightbulb icon in the top left. The text on the slide reads:

PRESENTATION ON STAFF TRAINING

STAFF TRAINING

PRESENTATION ON TRAINING

In the bottom right corner of the slide, there is a cartoon dog icon and the text "1/2008". Below the slide area, there is a text box that says "Click to add notes".

Week 14

At the end of week 14 practical, students should be able to:

(1) Load Medical Software Package such as “the family doctor” or “Home Medical Advisor”.

(2) Enter The Family Doctor Library, access “Ask the Doctor table of contents” and obtain facts on the Immune System of the human body

(3) Enter The Family Doctor Library, access “ Public Health Information” and obtain Doctors’ Advises on danger of Smoking, danger of using Cocaine, as well as facts on Prevention of HIV infection.

(1) To load Medical software Package such as The Family Doctor, follow the steps below:

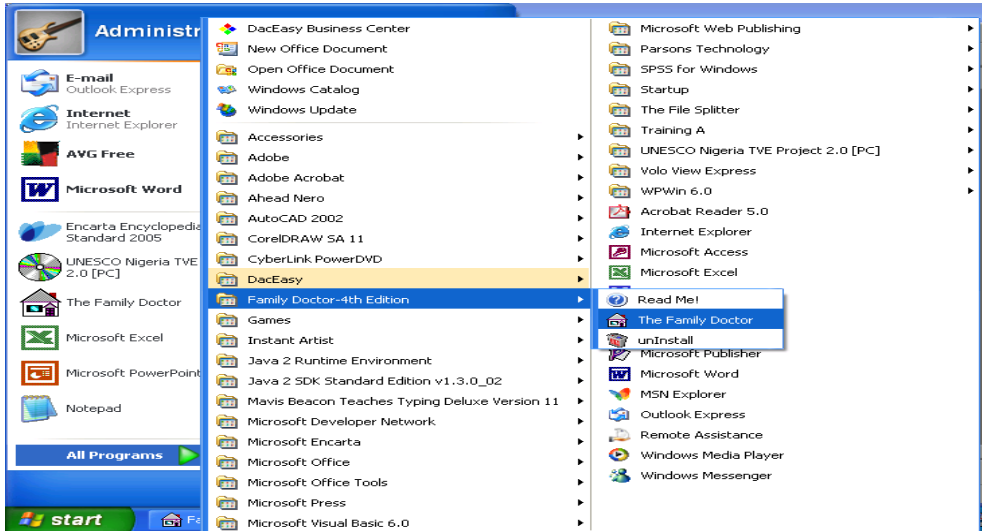
(i) Click on Start button

(ii) Select All programs

(iii) Point to Family Doctor-4th Edition

(iv) Click on the Family

See illustration below:



(2) To Enter the Library, access Ask the Doctor table of contents and obtain facts on the immune system of the body, follow the steps below:

- (i) Load Family Doctor-4
- (ii) Click on Library
- (iii) Click on Ask the Doctor
- (iv) Click on Immune System.

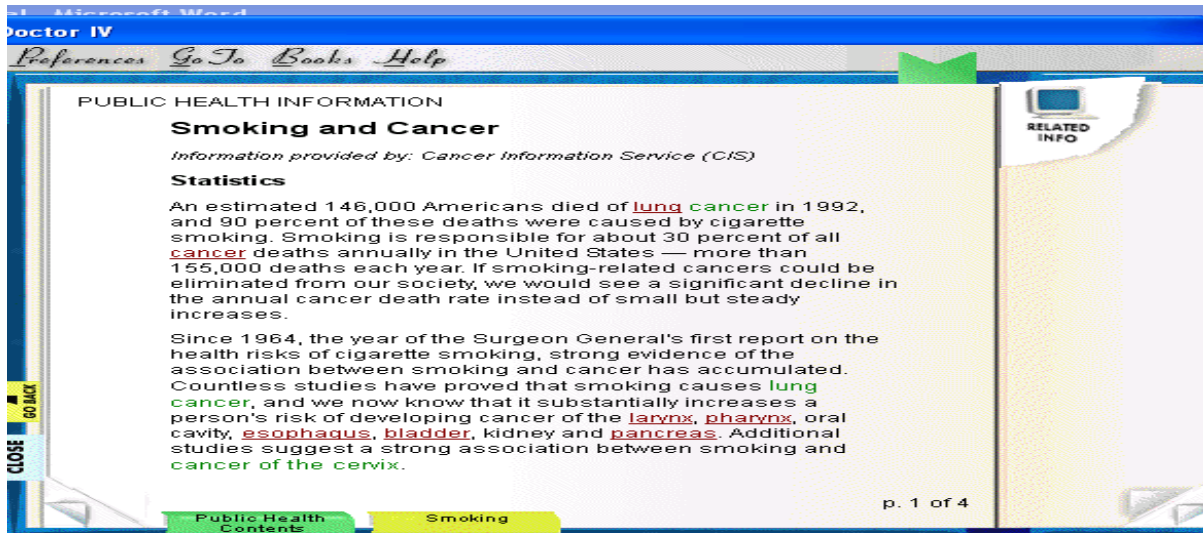
See illustration below:



(3) To Enter the Library, access Public Health Information table of contents and obtain facts on smoking and Cancer, follow the steps below:

- (i) Load Family doctor - 4
- (ii) Click on Library
- (iii) Click on Public Health information
- (iv) Click on Smoking and choose smoking and Cancer

See illustration below:



(3) To Enter the Library, access Public Health Information table of contents and obtain facts on Cocaine, follow the steps below:

- (i) Load Family doctor - 4
- (ii) Click on Library
- (iii) Click on Public Health information
- (iv) Click on Drugs and Alcohol
- (v) Click on Basic description of drugs
- (vi) Select Cocaine

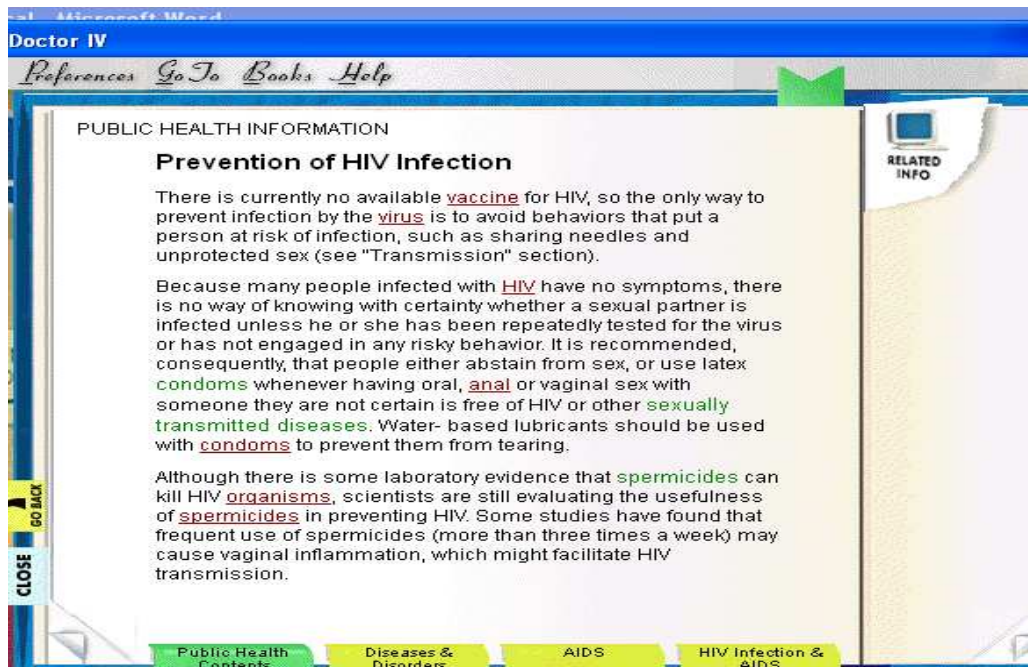
See illustration below:



(3) To Enter the Library, access Public Health Information table of contents and obtain facts on Prevention of HIV infection, follow the steps below:

- (i) Load Family doctor - 4
- (ii) Click on Library
- (iii) Click on Public Health information
- (iv) Click on Diseases and Disorders
- (v) click on AIDS
- (vi) Click on HIV infection and AIDS
- (vii) Click on Prevention of HIV infection

See illustration below:



Week 15

At the end of week 15 practical, students should be able to use The Family Doctor Medical software

Package to:

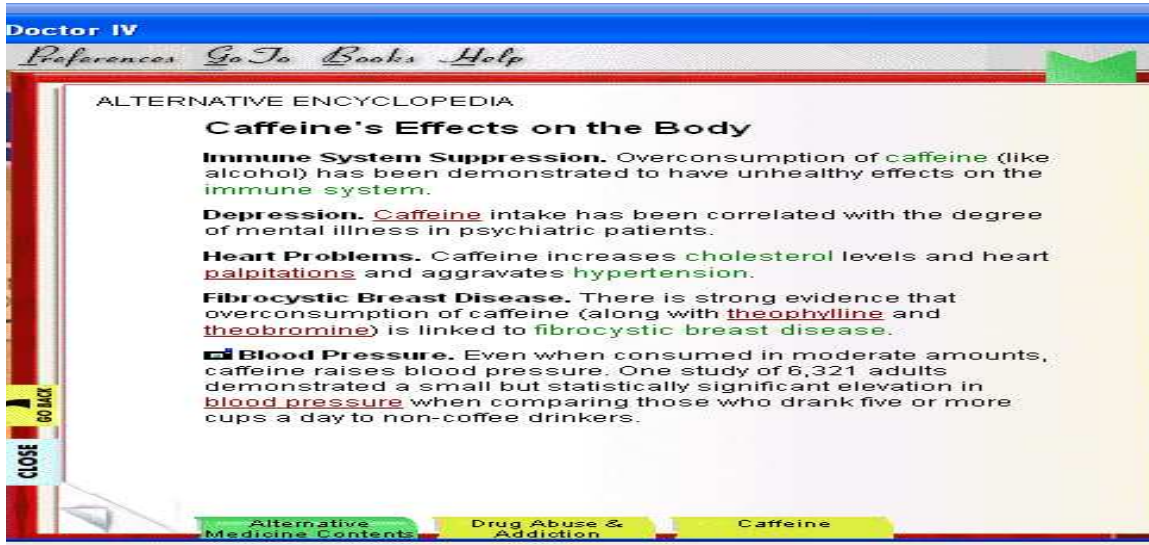
- (1) Get facts about effect of Caffeine on the body
- (2) Know the symptoms of Depression
- (3) Know the side effect of a particular Drug
- (4) know the First aid Treatment of Animal bites
- (5) Look for the meaning of a Particular Medical terminology

(1) Getting facts about effect of Caffeine on the body:

To get facts about the effects of Caffeine on the body, follow the steps below:

- (i) Load the family Doctor Medical Software Package
- (ii) Click on Library
- (iii) Select Alternative Encyclopedia
- (iv) Click on Drug Abuse and Addiction
- (v) Click on Caffeine
- (vi) Click on Caffeine's Effect on the body

See illustration:

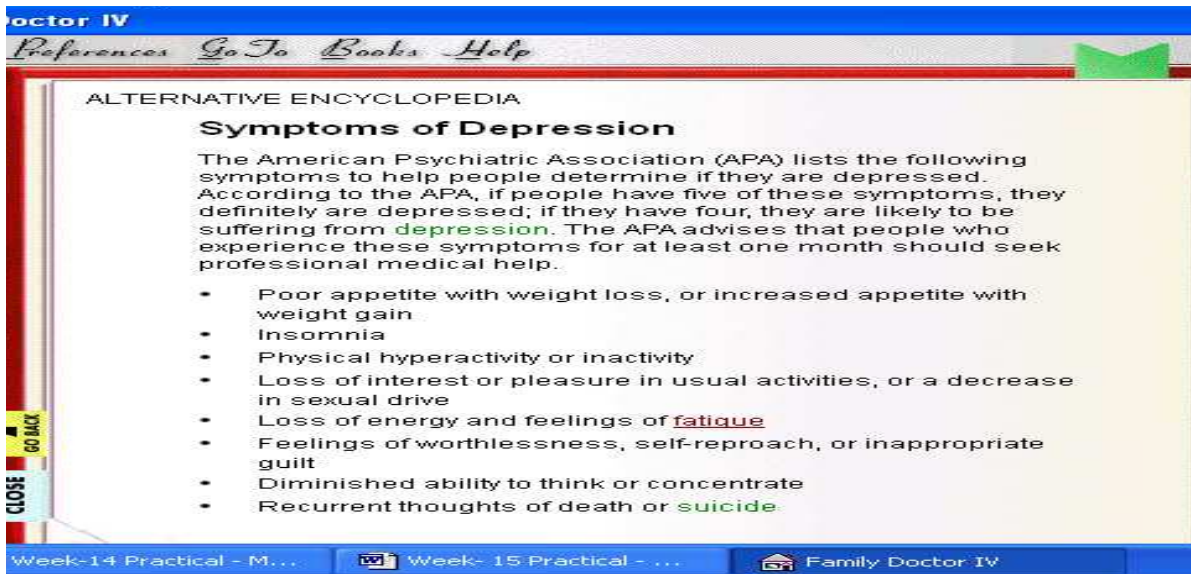


(2) Knowing the Symptoms of Depression:

To know the Symptoms of Depression, follow the steps below:

- (i) Load The Family doctor Medical Software Package
- (ii) Click on Library
- (iii) Select Alternative Encyclopedia
- (iv) Click on Mental Health Disorders
- (v) Click on Depression
- (vi) Select symptoms of Depression

See illustration:



(3) Knowing the Side Effect of a Particular Drug:

To know the side effect of a particular drug on the Patient, follow the steps below:

(i) Load The Family Doctor Medical Software Package

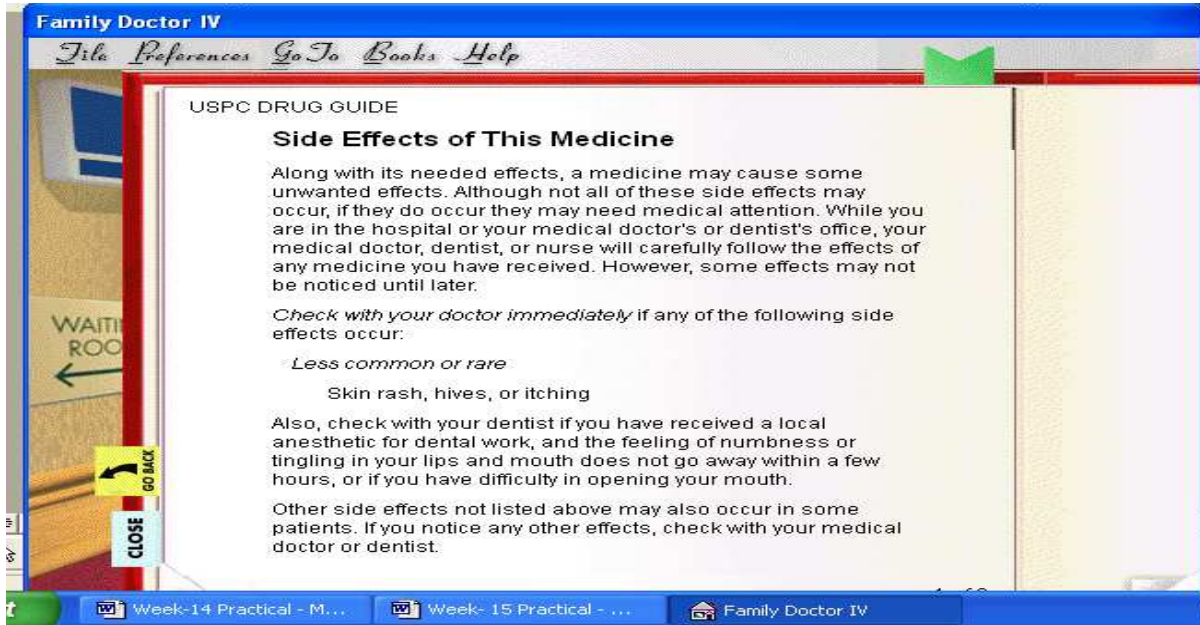
(ii) Click on Library

(iii) Click on USPC Drug guide

(iv) Enter a Drug name and Click Ok

(v) Finally, Click on Side Effect of this Medicine

See illustration:



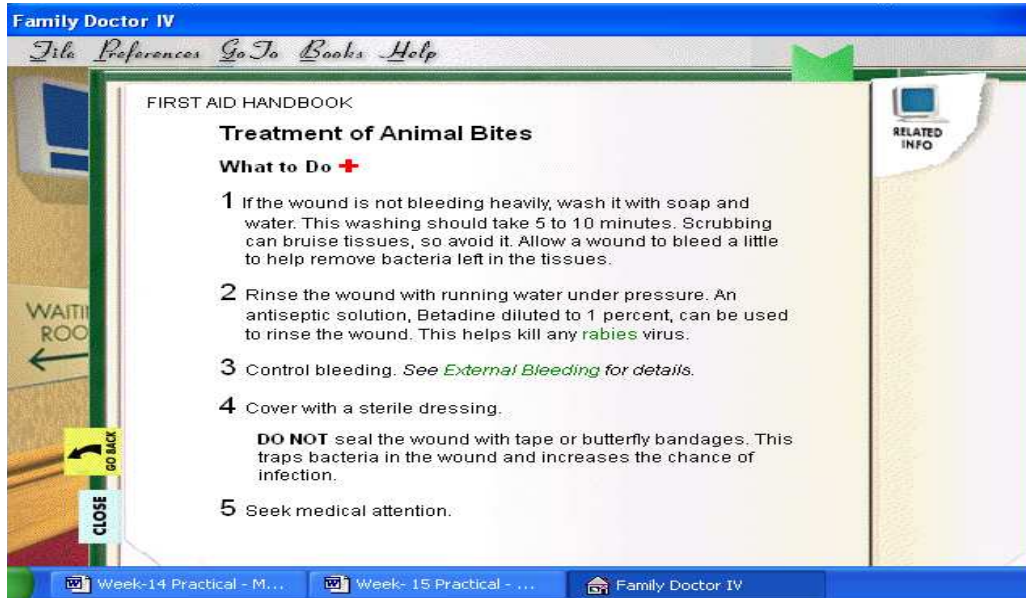
(4)

Knowing the First Aid treatments for Animal bites

To know the First Aid Treatment for Animal bites, follow the steps below:

- (i) Load The Family Doctor Medical Software Package
- (ii) Click on Library
- (iii) Click on National Safety Council first Aid book
- (iv) Select bites and Stings
- (v) Choose Animal bite
- (vi) Select Treatment of Animal bite

See illustration below:



(5) Looking for the Meaning of a Particular Medical Terminology:

To know the Meaning of a Particular Medical Terminology, follow the steps below:

(i) Load The Family Doctor Medical Software Package

(ii) Click on Library

(iii) Choose Random House Medical dictionary

(iv) Enter a Medical terminology

(v) Click on Look up

See illustration



For a definition

found in

enter a word:

- pediatrics
- PCR
- pecs
- pectoral
- pectoral muscle
- pederast
- pederasty
- pediatrics

pediatrics, *n.* (used with a sing. v.) the branch of medicine concerned with the development, care, and diseases of babies and children. **-pe'di-at'ric**, *adj.*