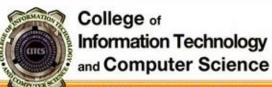
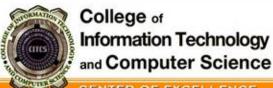
Excel Tutorial 2

Formatting a Workbook



Objectives

- Format text, numbers, and dates
- Change font colors and fill colors
- Merge a range into a single cell
- Apply a built-in cell style
- Select a different theme



Objectives

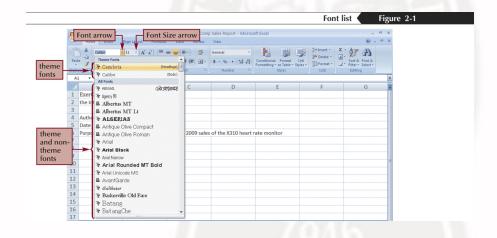
- Apply a built-in table style
- Add conditional formats to tables with highlight rules and data bars
- Hide worksheet rows
- Insert print titles, set print areas, and insert page breaks
- Enter headers and footers

Formatting Workbooks

- Formatting is the process of changing a workbook's appearance by defining the fonts, styles, colors, and decorative features
- A theme is a collection of formatting that specifies the fonts, colors, and graphical effects used throughout the workbook
- As you work, Live Preview shows the effects of formatting options on the workbook's appearance before you apply them

Formatting Text

- The appearance of text is determined by its typeface, which is the specific design used for the characters
 - Font
 - Serif fonts
 - Sans serif fonts
 - Theme font
 - Non-theme font
 - Font Style
 - Font Size
 - Measured in **points**



Working with Color

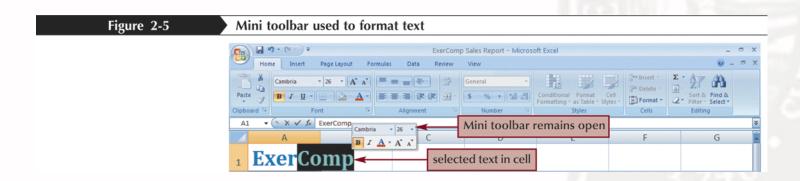
- Theme colors are the 12 colors that belong to the workbook's theme
- Standard and custom colors
- Apply a color by selecting a cell or range of cells, clicking the Font Color or Fill Color button arrow, and then selecting an appropriate color



ScreenTip diplays the color name Figure 2-3

Formatting Text Selections

 The Mini toolbar appears when you select text and contains buttons for commonly used text formats



Setting a Background Image

- You can use a picture or image as the background for all the cells in a worksheet
- Click the Page Layout tab on the Ribbon
- Click the Background button
- Locate the background, and then click the

Insert button

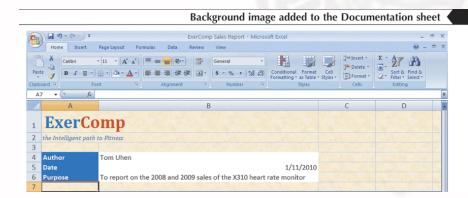


Figure 2-6

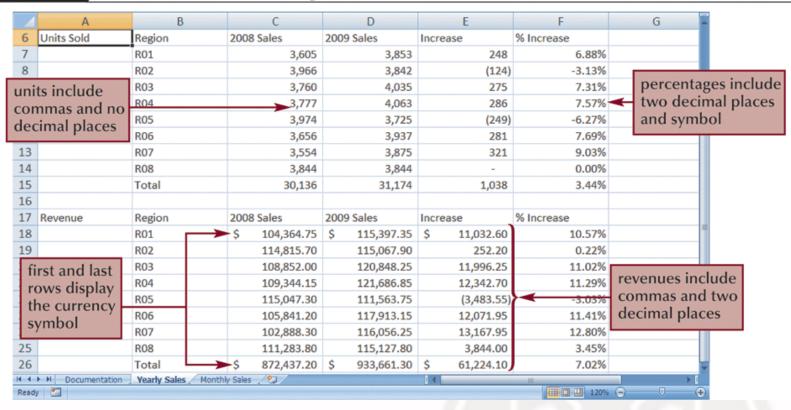
Formatting Data

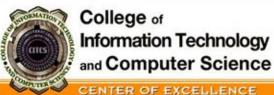
- By default, values appear in the General number format, which, for the most part, displays numbers exactly as you enter them
- The Number group on the Home tab has buttons for formatting the appearance of numbers
- Comma style button
- Decrease Decimal button
- Percent Style button
- Increase Decimal button
- Accounting Number Format button

Formatting Data

Figure 2-8

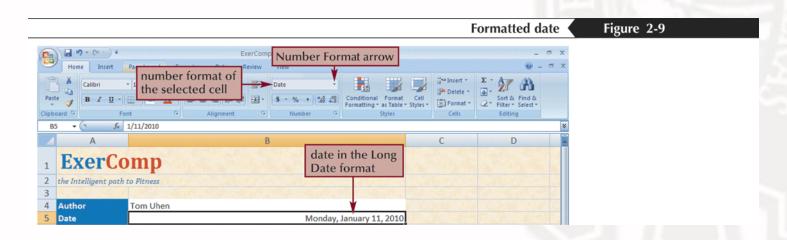
Worksheet after formatting numbers





Formatting Dates and Times

 Although dates and times in Excel appear as text, they are actually numbers that measure the interval between the specified date and time and January 1, 1900 at 12:00 a.m.



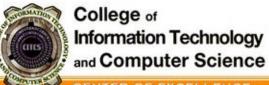
Aligning Cell Content

- In addition to left and right alignments, you can change the vertical and horizontal alignments of cell content to make a worksheet more readable
- Alignment buttons are located on the Home tab

Figure 2-10

Alignment buttons

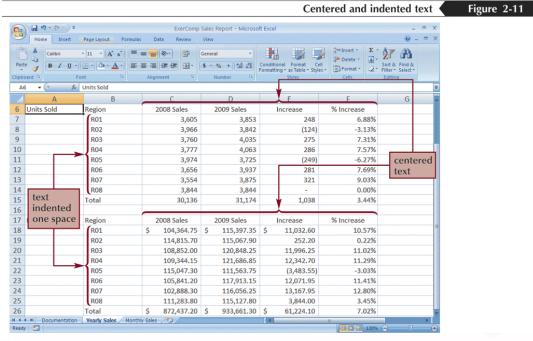
Button	Description
=	Aligns the cell content with the cell's top edge
	Vertically centers the cell content within the cell
	Aligns the cell content with the cell's bottom edge
	Aligns the cell content with the cell's left edge
≡	Horizontally centers the cell content within the cell
=	Aligns the cell content with the cell's right edge
=	Decreases the size of the indentation used in the cell
*	Increases the size of the indentation used in the cell
≫ , -	Rotates the cell content to an angle within the cell
	Forces the cell text to wrap within the cell borders
	Merges the selected cells into a single cell

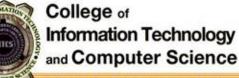


Indenting Cell Content

 You increase the indentation by roughly one character each time you click the Increase Indent button in the Alignment group on the

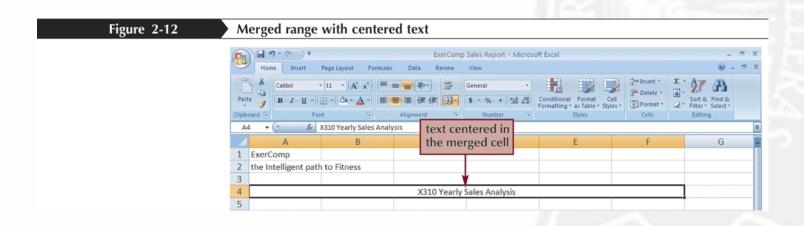
Home tab





Merging Cells

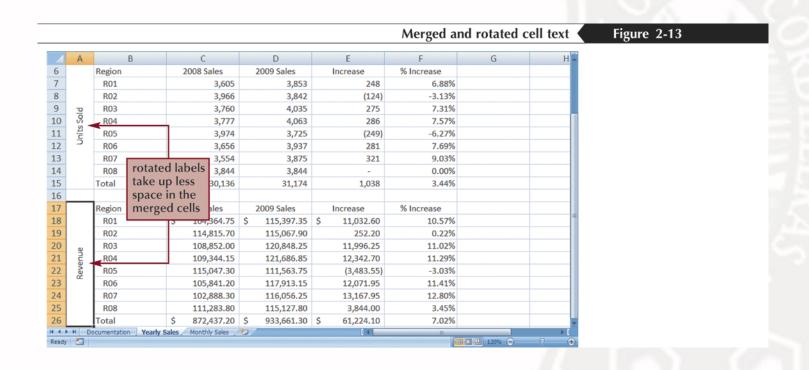
 One way to align text over several columns or rows is to merge, or combine, several cells into one cell



Rotating Cell Content

- To save space or to provide visual interest to a worksheet, you can rotate the cell contents so that they appear at any angle or orientation
- Select the range
- In the Alignment group, click the Orientation button and choose a proper rotation

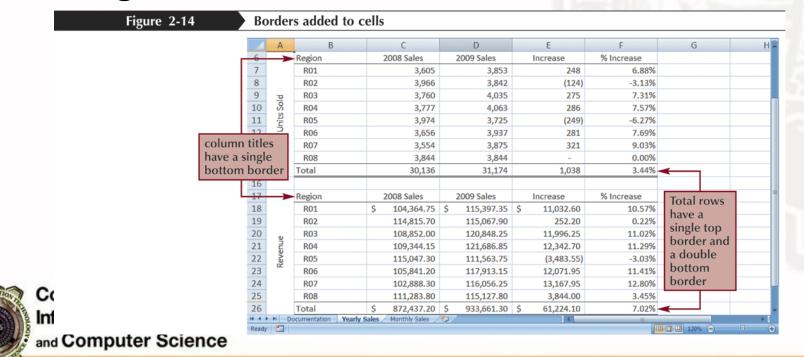
Rotating Cell Content





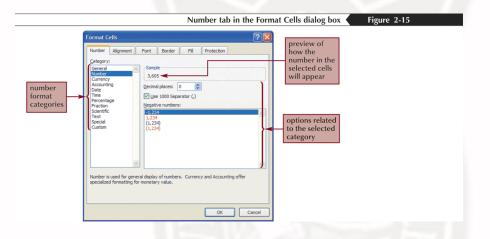
Adding Cell Borders

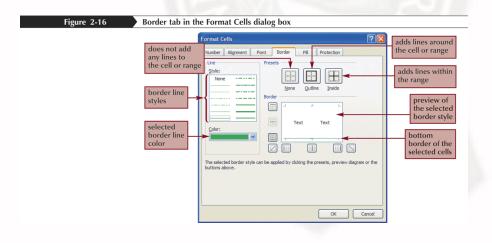
 You can add borders to the left, top, right, or bottom of a cell or range, around an entire cell, or around the outside edges of a range using the Border button arrow



Working with the Format Cells Dialog Box

 The Format Cells dialog box has six tabs, each focusing on a different set of formatting options



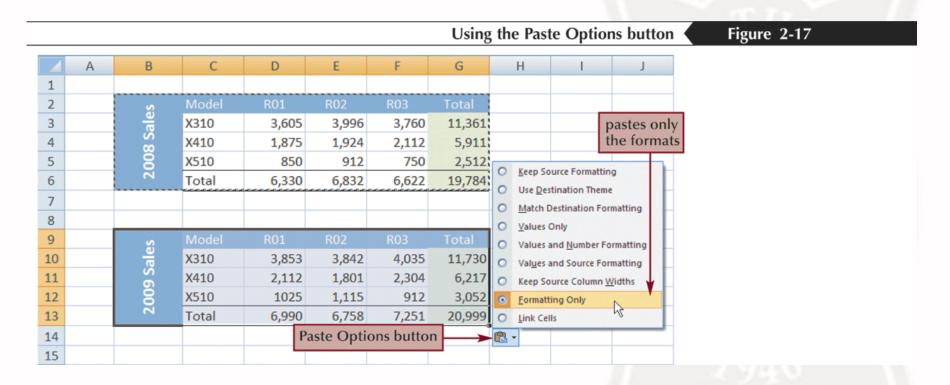


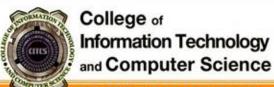


Copying Formats with the Format Painter

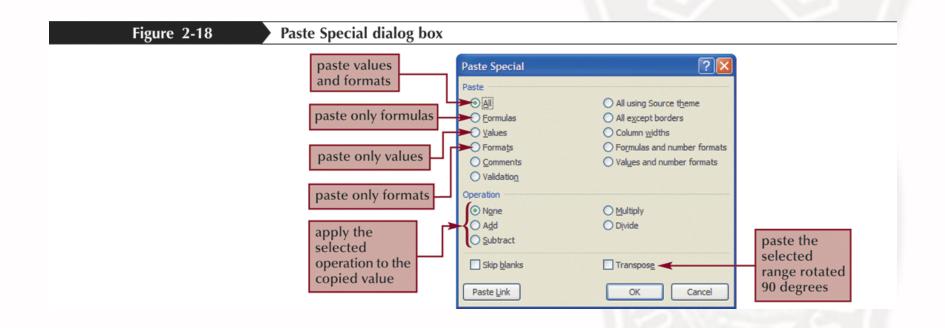
- The Format Painter copies the formatting from one cell or range to another cell or range, without duplicating any of the data
- Select the range containing the format you wish to copy
- Click the Format Painter button on the Home tab
- Click the cell to which you want to apply the format

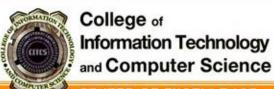
Copying Formats with the Paste Options Button





Copying Formats with Paste Special

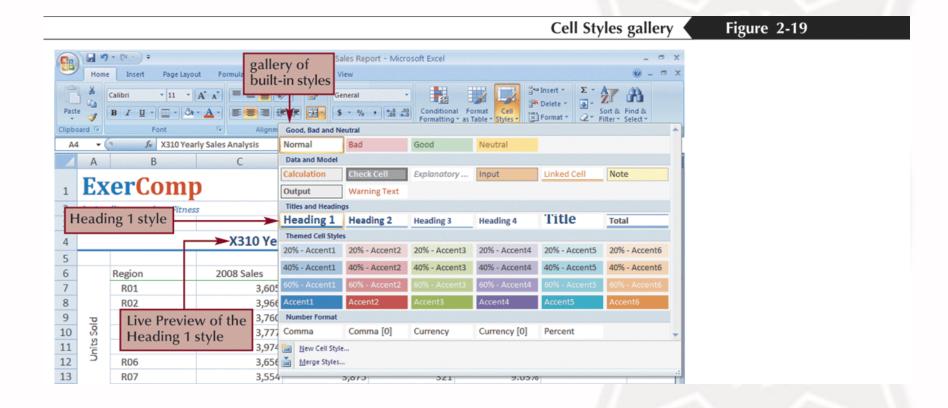




Applying Styles

- A style is a collection of formatting
- Select the cell or range to which you want to apply a style
- In the Styles group on the Home tab, click the Cell Styles button
- Point to each style in the Cell Styles gallery to see a Live Preview of that style on the selected cell or range
- Click the style you want to apply to the selected cell or range

Applying Styles



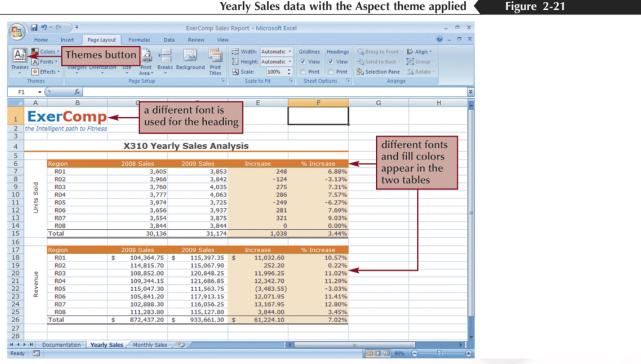


College of Information Technology and Computer Science

Working with Themes

 The appearance of these fonts, colors, and cell styles depends on the workbook's current

theme



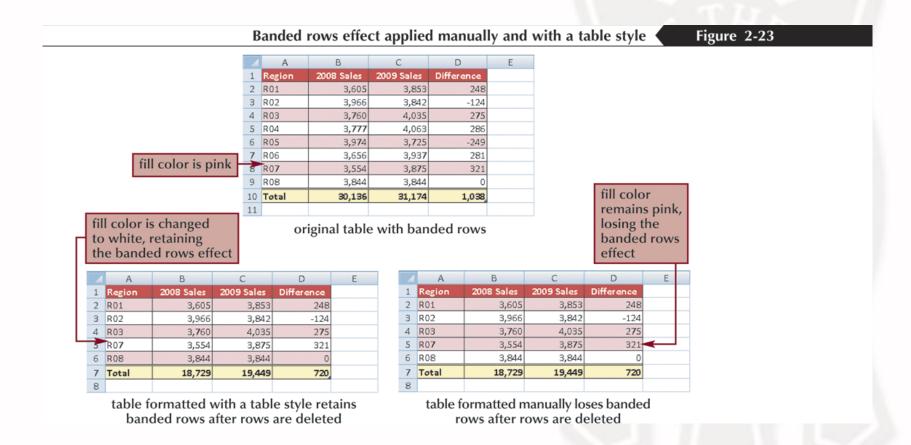
in Information Technology

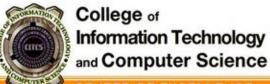
Applying a Table Style to an Existing Table

- You can treat a range of data as a distinct object in a worksheet known as an Excel table
- Select the range to which you want to apply the table style
- In the Styles group on the Home tab, click the Format as Table button
- Click a table style in the Table Style gallery



Applying a Table Style to an Existing Table

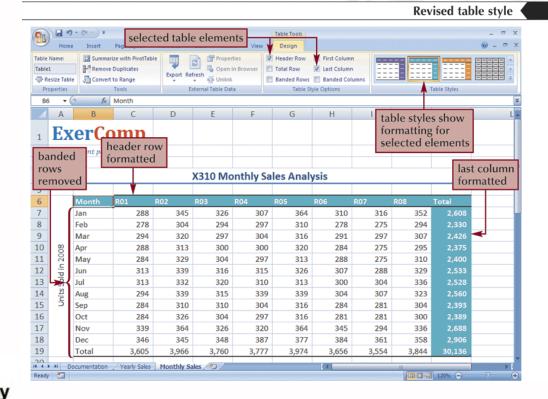




Selecting Table Style Options

 After you apply a table style, you can choose which table elements you want included in

the style





in Information Technology

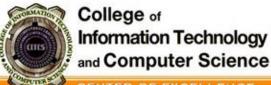
Figure 2-25

Introducing Conditional Formats

- A conditional format applies formatting only when a cell's value meets a specified condition
- Select the range or ranges to which you want to add data bars.
- In the Styles group on the Home tab, click the Conditional Formatting button, point to Data Bars, and then click a data bar color

or

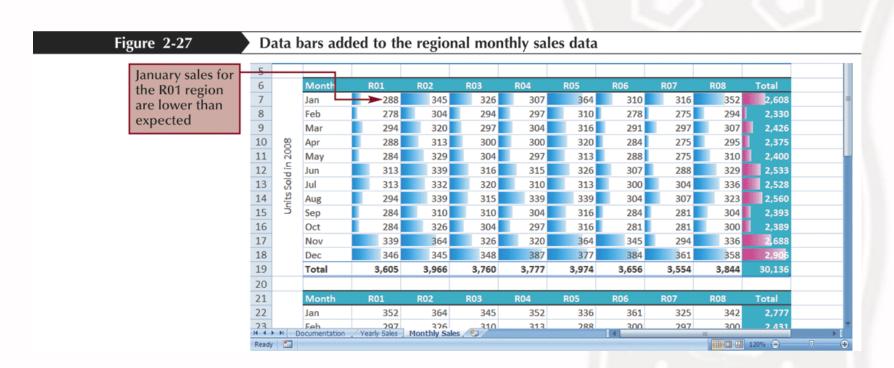
- Select the range in which you want to highlight cells that match a specified rule
- In the Styles group, click the Conditional Formatting button, point to Highlight Cells Rules or Top/Bottom Rules, and then click the appropriate rule
- Select the appropriate options in the dialog box, and then click the OK button



Adding Data Bars

- A data bar is a horizontal bar added to the background of a cell to provide a visual indicator of the cell's value
- Select the cell(s)
- In the Styles group on the Home tab, click the Conditional Formatting button, point to Data Bars, and then click the DataBar option you wish to apply

Adding Data Bars





Hiding Worksheet Data

- Hiding rows, columns, and worksheets is an excellent way to conceal extraneous or distracting information
- In the Cells group on the Home tab, click the Format button, point to Hide & Unhide, and then click your desired option

Changing the Page Orientation to Landscape

- Click the Page Layout tab on the Ribbon
- In the Page Setup group, click the Orientation button, and then click Landscape

Defining the Print Area

- By default, all parts of the active worksheet containing text, formulas, or values are printed
- You can select the cells you want to print, and then define them as a print area
- Select the range, in the Page Setup group on the Page Layout tab, click the Print Area button, and then click Set Print Area

Inserting Page Breaks

- Excel prints as much as fits on a page and then inserts a page break to continue printing the remaining worksheet content on the next page
- Manual page breaks specify exactly where the page breaks occur

Setting and Removing Page Breaks

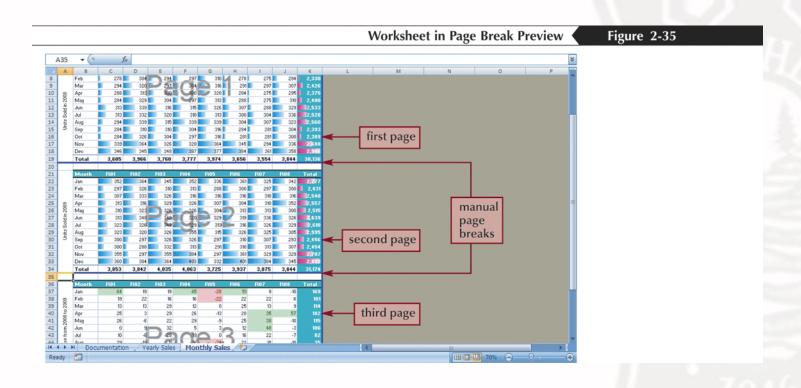
To set a page break:

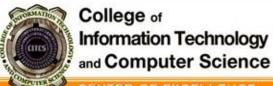
- Select the first cell below the row where you want to insert a page break
- In the Page Setup group on the Page Layout tab, click the Breaks button, and then click Insert Page Break

To remove a page break:

- Select any cell below or to the right of the page break you want to remove
- In the Page Setup group on the Page Layout tab, click the Breaks button, and then click Remove Page Break (or click Reset All Page Breaks to remove all the page breaks from the worksheet)

Setting and Removing Page Breaks





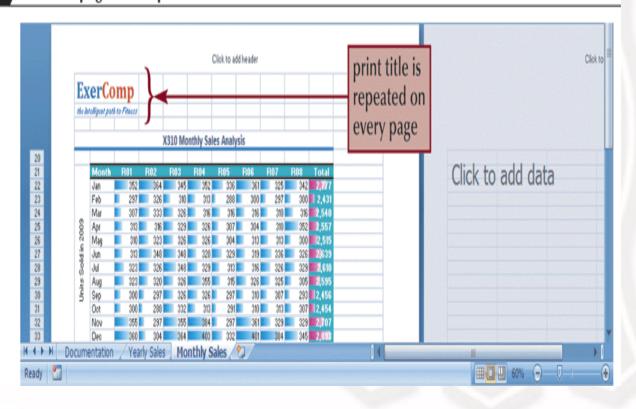
Adding Print Titles

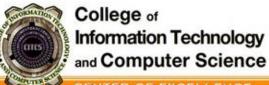
- You can repeat information, such as the company name, by specifying which rows or columns in the worksheet act as print titles, information that prints on each page
- In the Page Setup group on the Page Layout tab, click the **Print Titles** button
- Click the Rows to repeat at top box, move your pointer over the worksheet, and then select the range
- Click the OK button

Adding Print Titles

Figure 2-36

Second page of the printout





Adding Headers and Footers

- A header is the text printed in the top margin of each page
- A footer is the text printed in the bottom margin of each page
- Scroll to the top of the worksheet, and then click the left section of the header directly above cell A1 to display the Header & Footer Tools contextual tab

Adding Headers and Footers

