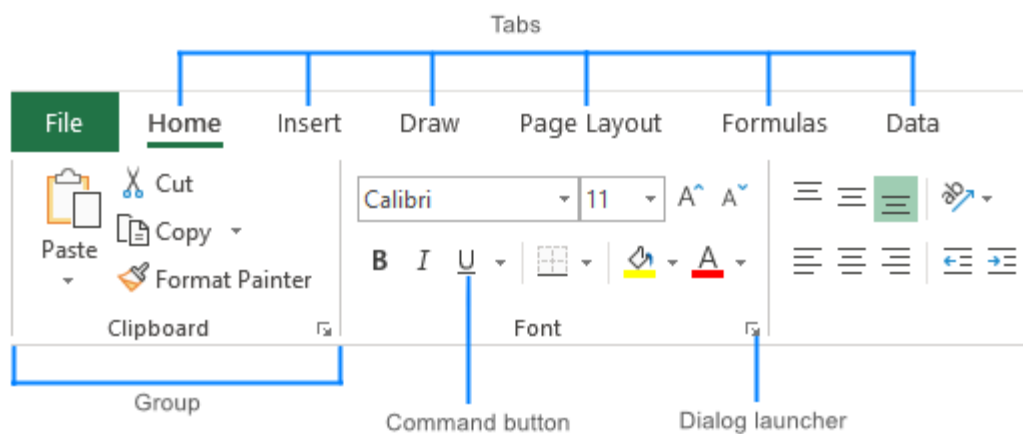


# Excel Assignment 5

## 1. What is a ribbon in Excel?

**Microsoft Excel ribbon** is the row of tabs and icons at the top of the Excel window that allows you to quickly find, understand and use commands for completing a certain task. It looks like a kind of complex toolbar, which it actually is.



## 2. What is the order of operations used for evaluating formulas in excel?

When evaluating a formula, Excel follows a standard math protocol called "order of operations". In general, Excel's order of operation follows the acronym PEMDAS (Parentheses, Exponents, Multiplication, Division, Addition, Subtraction) but with some customization to handle the formula syntax in a spreadsheet.

B5					
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Order	Symbols	Operation	Example
1	()	Parentheses	= (5-2)*4 = 12
2	:,	Reference operators	=SUM(A1:A5)
3	-	Negation	=-3^2 = 9
4	%	Percent	=5%*100 = 5
5	^	Exponentiation	=5^2*2 = 50
6	*/	Multiplication and Division	=7-6/2 = 4
7	+ -	Addition and Subtraction	=6/2+1 = 4
8	&	Concatenation	= "score: "&5+1 = score: 6
9	> < = <>	Logical comparisons	=3^2>5+3 = TRUE

- 
3. Reverse the string in the excel column and check whether the string is palindrome or not in the next column for each value.

Word	Reverse Word	Is Palindrome
EYE	EYE	TRUE
EAR	RAE	FALSE

STRING	REVERSED STRING	PALINDROME
Madam	madaM	TRUE
Tussaud	duassuT	FALSE
Ladal	ladaL	TRUE
Heroine	enioreH	FALSE
Tattarrattat	tattarrattat	TRUE
2022020	2022020	TRUE
123321	123321	FALSE
156783561	165387651	FALSE
3237aba7323	3237aba7323	TRUE

4. Is it possible to protect value from being copied from the cell? If yes, then how to implement it.

Yes, it is possible. In order to protect your worksheet from getting copied, you need to go into Menu bar >Review > Protect sheet > Password. By entering password, you can secure your worksheet from getting copied by others.

To set a password to protect cells, follow the steps given below:

- 1) Go to REVIEW tab and click on "Protect Sheet" option.
  - 2) Excel opens the Protect Sheet dialog box. By default, Excel selects the Protect Worksheet and Contents of Locked Cells check box.
  - 3) Select any of the check boxes in the Allow All Users of This Worksheet To list box (such as Format Cells or Insert Columns) that you still want to be functional when the worksheet protection is operational. The Select Locked Cells and Select Unlocked Cells check boxes are selected by default.
  - 4) Type the password in the 'Password to unprotect Sheet' text box.
  - 5) Click OK.
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6) Excel opens the Confirm Password dialog box. Re-enter the password in the Reenter Password to Proceed text box and then click OK. Notice that if you try to edit a cell, Excel displays an error message.

#### 4. What is the use of Name Box in MS-Excel?

The **Name Box** has several functions.

- It displays the **address** of the active cell.
- It displays the **name of the cell, range or object** selected if this has been named.
- It can be used to **name a cell, range or object like a chart**.
- It can be used to **go to any address** you type into it.
- It contains a **drop down list of all named cells and ranges** and can be used to go to any of them



