

Excel Assignment - 18

Q1 : What are comments and what is the importance of commenting in any code?

Ans : A VBA COMMENT is a green line of text that helps you to describe the written code. In simple words, a comment is a line of text which is not a code and VBA ignores it while executing the code. It's a good practice (I'd say one of the best) to add comments in your VBA codes.

Q2 : What is a Call Statement and when do you use this statement?

Ans : The CALL statement transfers control from one object program to another within the run unit. The program containing the CALL statement is the calling program; the program identified in the CALL statement is the called subprogram.

Q3 : How do you compile a code in VBA? What are some of the problem that you might face when you don't compile a code?

Ans : You can compile your VBA code by clicking Debug Menu → Compile VBA Project. A compile error for a missing "End if" part of an IF statement. Every individual line in the code is correct, but together, they don't represent a complete IF statement.

Q4 : What are hotkeys in VBA? How can you create your own hot keys?

1. Go to File > Options > Customize Ribbon.
2. At the bottom of the Customize the Ribbon and keyboard shortcuts pane, select Customize.
3. In the Save changes in box, select the current document name or template that you want to save the keyboard shortcut changes in.
4. In the Categories box, select the category that contains the command or other item that you want to assign a keyboard shortcut to or remove a keyboard shortcut from.
5. In the Commands box, select the name of the command or other item that you want to assign a keyboard shortcut to or remove a keyboard shortcut from.
6. Any keyboard shortcuts that are currently assigned to that command or other item appear in the Current keys box, or below the box with the label Currently assigned to.

Q5 : 5. Create a macro and shortcut key to find the square root of the following

numbers 665, 89, 72, 86, 48, 32, 569, 7521

Ans : Sub assignmnet_18()

Dim ActualNumber As Integer

Dim SquareNumber As Integer

ActualNumber1 = 665

ActualNumber2 = 89

ActualNumber3 = 72

ActualNumber4 = 86

ActualNumber5 = 48

ActualNumber6 = 32

ActualNumber7 = 569

ActualNumber8 = 7521

SquareNumber1 = Sqr(ActualNumber1)

SquareNumber2 = Sqr(ActualNumber2)

SquareNumber3 = Sqr(ActualNumber3)

SquareNumber4 = Sqr(ActualNumber4)

SquareNumber5 = Sqr(ActualNumber5)

SquareNumber6 = Sqr(ActualNumber6)

SquareNumber7 = Sqr(ActualNumber7)

SquareNumber8 = Sqr(ActualNumber8)

MsgBox SquareNumber1

MsgBox SquareNumber2

MsgBox SquareNumber3

MsgBox SquareNumber4

MsgBox SquareNumber5

MsgBox SquareNumber6

MsgBox SquareNumber7

MsgBox SquareNumber8

End Sub

Q6 : What are the shortcut keys used to

- a. Run the code = ALT + F8**
- b. Step into the code = F8**
- c. Step out of code = SHIFT+F11**
- d. Reset the code = Ctrl+Alt+F5**