iNeuron Assignments (FSDA)

Submitted By-

Amit Raj

Excel Assignment 18

Que 1 - What are comments and what is the importance if commenting in any code?

Ans 1 - 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.

Que 2 - What is Call Statement and when do you use this statement?

Ans 2 – 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.

Que 3 - How do you compile a code in VBA? What are some of the problems that you might face when you don't compile a code?

Ans 3 – 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.

Que 4 - What are hot keys in VBA? How can you create your own hot keys?

Ans 4 – Steps to create your own hot keys:

- Go to File > Options > Customize Ribbon.
- At the bottom of the Customize the Ribbon and keyboard shortcuts pane, select Customize.
- In the Save changes in box, select the current document name or template that you want to save the keyboard shortcut changes in.
- 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.
- 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.

- 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.

Que 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 5 - 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

Que 6 - What are the shortcut keys used to
a. Run the code
b. Step into the code
c. Step out of code
d. Reset the code

Ans 6 – Shortcut Keys are as follows

Run the code = ALT + F8
Step into the code = F8
Step out of code = SHIFT+F11
Reset the code = Ctrl+Alt+F5