

Excel Assignment - 16

Q1 : What is a Macro? How is it useful in excel or in your daily work?

Ans : A macro is a set of instructions used to execute repetitive tasks. You can record a set of commands and then play them back with one or two keystrokes. That means that you can save A LOT of time when doing routine and repetitive tasks.

Q2 : What is VBA? Write its full form and briefly explain why VBA is used in excel?

Ans : Visual Basic for Applications is a computer programming language developed and owned by Microsoft. With VBA you can create macros to automate repetitive word- and data-processing functions, and generate custom forms, graphs, and reports. VBA functions within MS Office applications; it is not a stand-alone product.

Q3 : How do you record a macro? Write detailed steps to create a macro to automatically make the following table in bold and to create borders for it in excel.

Hi	78
Hello	69
Ineuron	45

Ans :

1. On the Developer tab, in the Code group, click Record Macro. ...
2. In the Macro name box, enter a name for the macro. ...
3. To assign a keyboard shortcut to run the macro, in the Shortcut key box, type any letter (both uppercase or lowercase will work) that you want to use.

CODE

```
Sub Assignment_16()  
  
Range("a2") = "Hi"  
  
Range("b2") = "78"  
  
Range("a3") = "hello"  
  
Range("b3") = "69"  
  
Range("a4") = "ineuron"  
  
Range("b4") = "45"  
  
Range("a2:b4").Font.Bold = True  
  
Range("a2:b4").Borders.Color = vbGreen
```

End Sub

Q4 : What do you mean when we say VBA Editor?

Ans : Microsoft Visual Basic for Applications (VBA) enables non-programmers to record, create, and edit macros that can automate tasks in Office applications.

Q5 : Briefly describe the interface of a VBA editor? What is propertieswindow? And what is watch window? How do you display these windows?

Ans : The Properties window displays the properties for the current object. When you select different objects in your VBA project, the Properties window changes to show just the properties of the object you selected.

Q6 : What is an immediate Window and what is it used for?

Ans : Use the Immediate window to debug and evaluate expressions, execute statements, and print variable values. The Immediate window evaluates expressions by building and using the currently selected project