Excel Assignment - 17

1. What are modules in VBA and describe in detail the importance of creating a module?

A module in VBA holds the code in Visual basics editor. It is a text file and has an extension of “.bcf”   
We can add macros or custom function code in these modules.

2. What is Class Module and what is the difference between a Class Module and a Module?  
Class Module allows users to create a custom modules with their own objects.

**Difference between a Class Module and a Module are:**

* Module contains a static methods. Class contains both static and non-static methods.
* Class is a superset of module. It can be instantiated.

3. What are Procedures? What is a Function Procedure and a Property Procedure?

* Procedures contains a organized code which is in a module.
* Functional Procedure is a series of visual basic commands enclosed with the function and it also takes arguments and have return value.
* Property Procedure is a series of visual basic commands that allows programmers to create or manipulate the custom properties.

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5. What is a sub procedure and what are all the parts of a sub procedure and when are they used?

* A [Sub](https://learn.microsoft.com/en-us/office/vba/language/reference/user-interface-help/sub-statement) procedure is a series of Visual Basic [statements](https://learn.microsoft.com/en-us/office/vba/language/glossary/vbe-glossary#statement) enclosed by the Sub and [End Sub](https://learn.microsoft.com/en-us/office/vba/language/reference/user-interface-help/end-statement) statements that performs actions but doesn't return a value.
* Sub procedures can also take arguments which are passed by calling procedure.
* It is used to take inputs from users, display / print information, perform some other tasks.

**Structure of sub procedure:**   
Sub ProcedureName (parameter)

Statements

End Sub

6. How do you add comments in a VBA code? How do you add multiple lines of comments in a VBA code?  
**Single line comment:**

Click on the line which needs to commented and type ‘apostrophe’ which turns the line to green and vba ignore it during execution.   
  
**Multi line comment:**   
Select the lines and add apostrophe at the stating of the line to comment it.

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