

**Excel Assignment - 17**

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

A module is the fundamental syntactic unit of VBA source code. The physical representation of a module is implementation dependent but logically a VBA module is a sequence of Unicode characters that conform to the VBA language grammars. A module consists of two parts: a module header and a module body.

2. What is Class Module and what is the difference between a Class Module and a Module?

VBA module is a container for code that can be used to create functions and procedures. It is typically used for organizing code into logical units. On the other hand, a class module is a special type of module that allows you to create custom objects with their own properties, methods, and events.

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

A procedure is a block of Visual Basic statements enclosed by a declaration statement (Function, Sub, Operator, Get, Set) and a matching End declaration. All executable statements in Visual Basic must be within some procedure.

A Function procedure is a series of Visual Basic statements enclosed by the Function and End Function statements. The Function procedure performs a task and then returns control to the calling code. When it returns control, it also returns a value to the calling code.

A property procedure is a series of Visual Basic statements that manipulate a custom property on a module, class, or structure. Property procedures are also known as *property accessors*.



5. What is a sub procedure and what are all the parts of a sub procedure

and when are they used?

A Sub procedure is a series of Visual Basic statements enclosed by the Sub and End Sub statements. The Sub procedure performs a task and then returns control to the calling code, but it does not return a value to the calling code.

Use a Sub procedure when you don't want to return a value to the calling code.

7. How do you add comments in a VBA code? How do you add multiple lines of comments in a VBA code?

Step 1: Click on the line where you want to insert a comment. Step 2: Type an Apostrophe( ' ) at the start of a line. Step 3: Write the comment you want. Step 4: Press Enter and you fill find the comment written to be green

Multiline Comment: /\* comment \*/ The comment argument is the text of any comment you want to include in your script.