

**Excel Assignment - 17**

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

Ans: VBA module is a “. bcf” extension file that holds the code in the visual basic editor. Each module has its own code window where you can write. You can insert a new module, delete, backup, and import it.

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

Ans: In programming languages, classes are blueprints of objects which contain members like fields and methods. Module introduces the definition related to properties, events, variables, and procedures of its members. Modules cannot be instantiated like classes.

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

Ans: A procedure tells the application how to perform a specific task. Use procedures to divide complex code tasks into more manageable units. 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. property procedure is a series of Visual Basic statements that allow a programmer to create and manipulate custom properties. Property procedures can be used to create read-only properties for forms, standard modules, and class modules.

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

Ans: 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. A sub procedure can take two forms, i.e., private, and public. The modifiers “private” and “public” allows users to use the subs differently. The private sub procedure can only be used in the current module.

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

Ans: select all the lines and then use the comment button from the toolbar or you can also add an APOSTROPHE at the starting of each line. The moment you click the comment button it will convert all the lines into a multi-line comment block.