**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:** Class Modules allow a user to create their object just like how we have built-in items in standard modules like “Worksheets,” “Workbooks,” “Range,” and so on.

Difference between a Class Module and a module are as follows:

Modules are collections of methods and constants. They cannot generate instances.  Classes may generate instances (objects) and have per-instance state (instance variables).

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

**Ans:** A procedure is a block of Visual Basic statements enclosed by a declaration statement (Function , Sub , Operator , Get , Set )

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.

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” allow 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:** The easiest way is to 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.