**Excel Assignment - 17**

**1. What are modules in VBA and describe in detail the importance of**

**creating a module?**

**ANS** 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?**

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

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

**Procedure?**

**ANS** A function is a routine that returns a value when it executes. A procedure is a routine that does not return a value. Function calls, because they return a value, can be used as expressions in assignments and operations.

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

**Procedure?**

**ANS** A procedure is a named section of code that is run as a unit. Procedures come in the form of Subs, Functions, Property procedures, Events procedures, and DLL procedures. To call a procedure is to invoke it, executing its code, before control is yielded back to its caller.

**5. 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 separate set of codes that are used in VB.NET programming to execute a specific task, and it does not return any values. The Sub procedure is enclosed by the Sub and End Sub statement.

**6. How do you add comments in a VBA code? How do you add multiplelines 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.

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