

Excel Assignment - 17

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

Ans: Code Modules allow us to store regular macros (sub procedures) and functions (User Defined Functions, UDFs). This is the typical place we start writing and storing our macros. The macro recorder also creates code in a code module.

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

Ans:

Class Module	Standard Module
<p><i>i.</i> Public variables in a class module can only be accessed if we have an object variable containing a reference to a particular instance of a class.</p>	<p><i>i.</i> Variable declared public in a standard module are visible from anywhere in our project.</p>
<p><i>ii.</i> Class module are implementation of an object oriented programming.</p>	<p><i>ii.</i> Standard module are an implementation of procedural language.</p>
<p><i>iii.</i> All the object have their own copies of member data.</p>	<p><i>iii.</i> Only one copy of global variable exist.</p>

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

Ans: A property procedure is a series of Visual Basic statements that manipulate a custom property on a module, class, or structure

4. 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.

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

Ans: A shortcut for comment and uncomment has been created in the VBA code editor. To comment on a line the shortcut is Alt + C and to uncomment a line the shortcut is Atl + U. You can also use the Comment Block and Uncomment Block buttons to comment on a line. Enter the text you want to comment on.