Excel Assignment - 17

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

creating a module?

Ans.

Standard Code Modules, also called simply Code Modules or just Modules, are where you put most of your VBA code. It helps students to obtain information more systematically and practically. In programming, a module is a section of code that is added in as a whole or is designed for easy reusability.

2. 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. Like this using a class module, we can create custom objects. The class has a direct relationship with objects.

You can define the methods and properties for them and even write event handlers. These are similar to form modules, except they have no visible user interface.

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

Procedure?

Ans.

A procedure is a method for completing something with steps and instructions for each aspect of the task.

Function 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.

Property procedure : 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.

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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 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

A sub procedure is usually used to accept input from the user, display information, print information, manipulate properties or perform some other tasks. It is a program code by itself and it is not an event procedure because it is not associated with a runtime procedure.

A sub procedure can take two forms, i.e., private and public.

Sub procedure\_name()  
.  
.  
End Sub

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

lines of comments in a VBA code?

Ans.

Single line:

1. First, click on the line where you want to insert the comment.
2. After that, type an APOSTROPHE using your keyboard key.
3. Next, type the comment that you want to add to the code.
4. In the end, hit enter to move to the new line and the comment will turn green

Multi line

1. Go to View-Toolbars-Customise.
2. Select the Command tab.
3. Select the Edit Category on the left.
4. Drag the “Comment Block” and “Uncomment Block” icons onto your toolbar.

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