

# iNeuron Assignments (FSDA)

Submitted By-

Amit Raj

# Excel Assignment 17

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

**Ans 1** - 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. In simple words, it's like a text file that you open in the notepad.

In this tutorial, we will learn all about using a module in VBA.

Insert a VBA Module

1. First, open the Project Window if it's not there already.
2. Next, right-click on the project (Excel File) in which you want to insert a module.
3. After that, go to the Insert and click on the “Module”.
4. You will get a new module and can open its code window to write the code.

You can also go to the insert menu and then the module to insert it.

When you insert a new module, VBA creates a separate folder for all the modules that you have in the project.

**Que 2 - What is Class Module and what is the difference between a Class Module and a Module?**

**Ans 2** – When you insert a new module, you can see an option to insert a class module. A class is a type. You can use this type like any other type (String , Integer , Date , File Info) to declare variables, parameters, properties, and function return types. Whereas modules are static. That is the data stored in a module exists exactly once.

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

**Ans 3** – 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. Visual Basic provides for the following property procedures: A Get procedure returns the value of a property.

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

**Ans 4** – 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. Visual Basic provides for the following property procedures: A Get procedure returns the value of a property.

**Que 5 - What is a sub procedure and what are all the parts of a sub procedure and when are they used?**

**Ans 5** - 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.

**Que 6 - How do you add comments in a VBA code? How do you add multiple lines of comments in a VBA code?**

**Ans 6** – Steps to add comments in a VBA code:

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

**Que 7 - How do you add comments in a VBA code? How do you add multiple lines of comments in a VBA code?**

**Ans 7** – Steps to add comments in a VBA code:

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