

# Advance Excel Assignment 18

1. What are comments and what is the importance of commenting in any Code?

**Ans:- Comments:-** Comments are specially marked lines of text in the program that are not evaluated. And also Commenting is the "art" of describing what our program is going to do in "high level" English statements. Commenting is best done before actually writing the code for our program.

All programs should be commented in such a manner as to easily describe (in English) the purpose of the code and any algorithms used to accomplish the purpose. A user should be able to utilize a previously written program (or function) without ever having to look at the code, simply by reading the comments.

2. What is Call Statement and when do you use this statement?

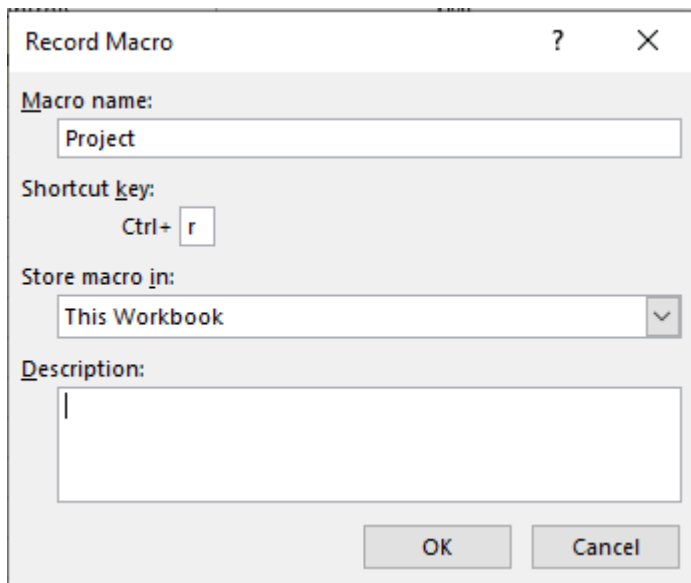
**Ans:-** Call Statement is used to transfer control to a Function, Sub, or dynamic-link library (DLL) procedure. We can use the Call keyword when we call a procedure. For most procedure calls, we aren't required to use this keyword.

We typically use the Call keyword when the called expression doesn't start with an identifier. Then Use of the Call keyword for other uses isn't recommended. If the procedure returns a value, the Call statement discards it.

3. What are hotkeys in VBA? How can you create your own hot keys?

**Ans:-** Hotkeys means the keyboard shortcut keys to activate the commands.

We can also create our own shortcut keys or macro by following ways:-



4. Create a macro and shortcut key to find the square root of the following numbers

665, 89, 72, 86, 48, 32, 569, 7521

Ans:-

```
Sub Square_Root_Example1()
```

```
Dim ActualNumber As Integer
```

```
Dim SquareNumber As Double
```

```
ActualNumber = (Here we will put one by one the no i.e to find the square root of 665, 89, 72,  
86, 48, 32, 569, 7521)
```

```
SquareNumber = Sqr(ActualNumber)
```

```
MsgBox SquareNumber
```

```
End Sub
```

6. What are the shortcut keys used to

- |                       |   |                  |
|-----------------------|---|------------------|
| a. Run the code       | - | F5               |
| b. Step into the code | - | F8               |
| c. Step out of code   | - | Ctrl + Shift+ F8 |
| d. Reset the code     | - | Alt+ R + R       |