

## Excel Assignment – 18

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

**Ans:** Green lined text that will describe the written code.

If we have multiple data and functions, it will help us to describe what the code does.

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

**Ans:** Call statement is the name of the Procedure to display. Arguments keywords are called as ByVal or ByRef to describe for keywords when making a call.

It is not mandatory to use it but if you use it then you must enclose it with any arguments.

3. How do you compile a code in VBA? What are some of the problem that you might face when you don't compile a code?

**Ans:** Compile code in VBA:

‘VBS CODE

Dim appXL

Dim objWb

Dim path

path = CreateObject("WScript.Shell").CurrentDirectory

Set appXL = CreateObject("Excel.Application")

Set objWb = appXL.Workbooks.Open(path & "dbexcel.xls")

appXL.Application.Run objWb.Name & "!" & "showform"

Problems may occur when you don't compile a code are as follow:

1. Logic errors
2. Syntax errors
3. Interface errors
4. Resources errors
5. Arithmetic errors
6. Runtime errors

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

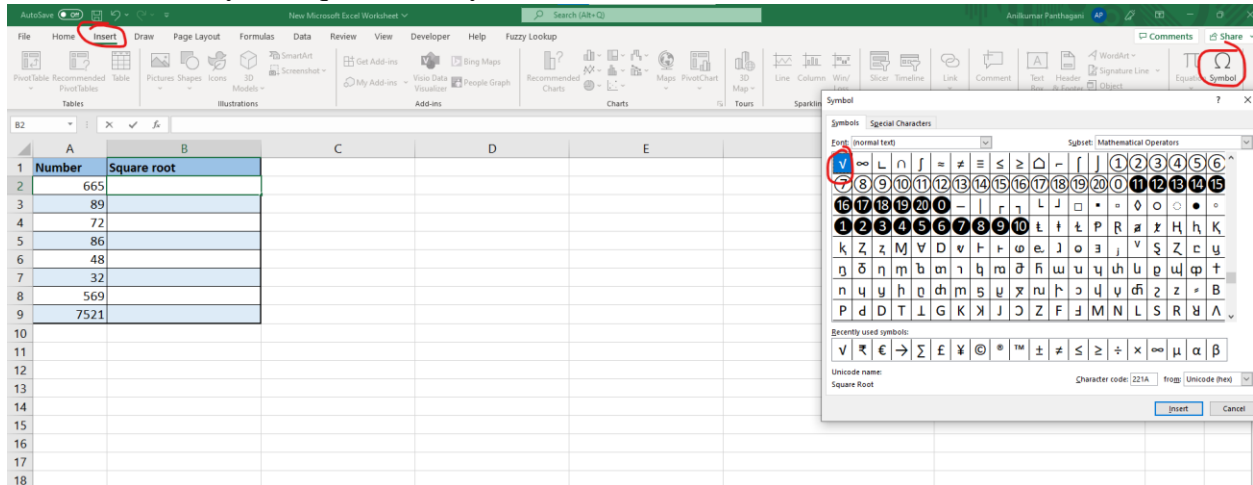
**Ans:**

1. Alt + 11 -> Jump between Excel and the VB editor window
2. F5 -> Run Macro/Procedure
3. F8 -> Step through each line of code
4. F9 -> Add a break Point
5. Alt + R + R -> Reset /Stop Code.
6. CTRL + i -> Quick Info
7. CTRL + G -> Immediate Window

8. F7 -> View Userform code
9. F4 -> Properties Window

5. Create a macro and shortcut key to find the square root of the following numbers 665, 89, 72, 86, 48, 32, 569, 7521

**Ans:** Shortcut key for Square root Symbol – **ALT +251**

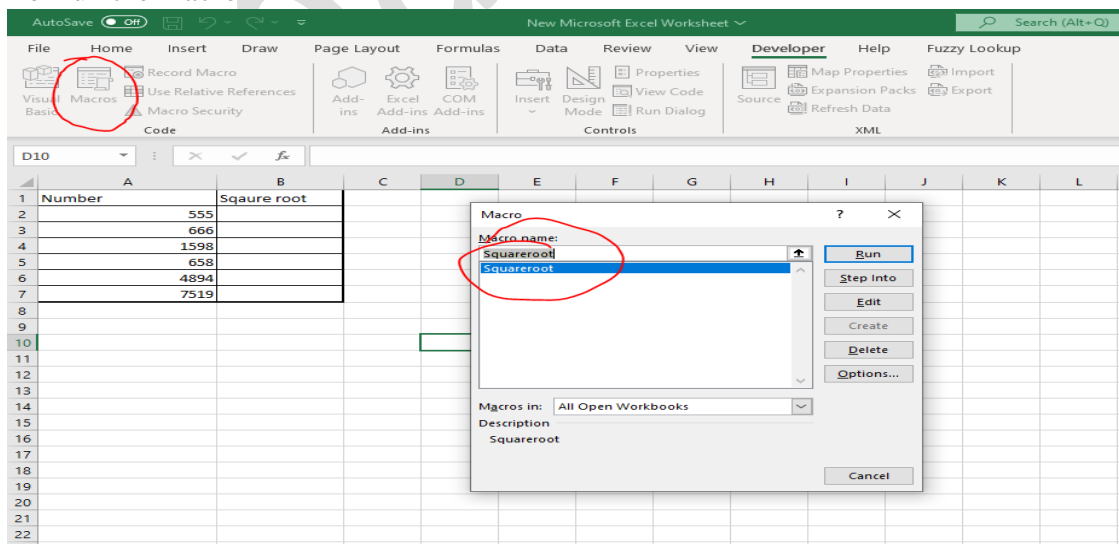


Once you the table array, follow the steps mentioned below

Go to Developer Tab -> start recording under Code grouping -> Name the Macro -> mention if you need Shortcut key CTRL + Alphabet or number -> apply necessary/required formula's to find result then click on in excel -> stop recording

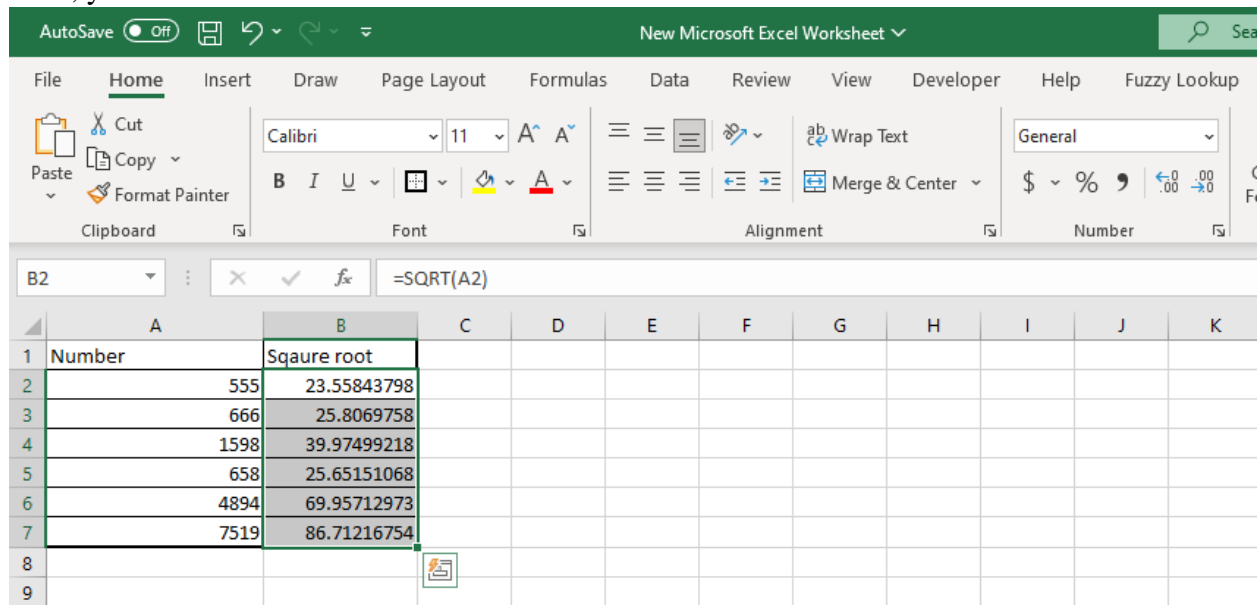
Once you create the macro then you should have the same column to apply the Macro for new sheet.

**To Run the macro**



Go to Developer Tab -> Macros under Code Grouping -> click on recorded Macro -> Run  
Automatically you will have the result of new sheet.

Here, you have the recorded Macro with results



	A	B	C	D	E	F	G	H	I	J	K
1	Number	Sqaure root									
2	555	23.55843798									
3	666	25.8069758									
4	1598	39.97499218									
5	658	25.65151068									
6	4894	69.95712973									
7	7519	86.71216754									
8											
9											

6. What are the shortcut keys used to

- Run the code
- Step into the code
- Step out of code
- Reset the code

**Ans:**

- Run the code – **F5**
- Step into the code – **F8**
- Step out of code – **CTRL + SHIFT + F8**
- Reset the code – **ALT + R + R**