

Excel Assignment - 18

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

Comments are **the lines in the code that are ignored while executing the code**. These are represented as green text in the code. The comments help describe the written code.

Importance of commenting a code in vba is Helps you to Document your Work: You can use a comment to describe how code works, which can help you in the future to recall it easily or any other user.

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

Call statement is transfers control to a Sub procedure, Function procedure, or dynamic-link library (DLL) procedure.

We can use the call statement whenever we want to call the stored procedure and functions.

You are not required to use the Call keyword when calling a procedure. However, if you use the Call keyword to call a procedure that requires arguments, argument list must be enclosed in parentheses. If you omit the Call keyword, you also must omit the parentheses around the argument list.

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

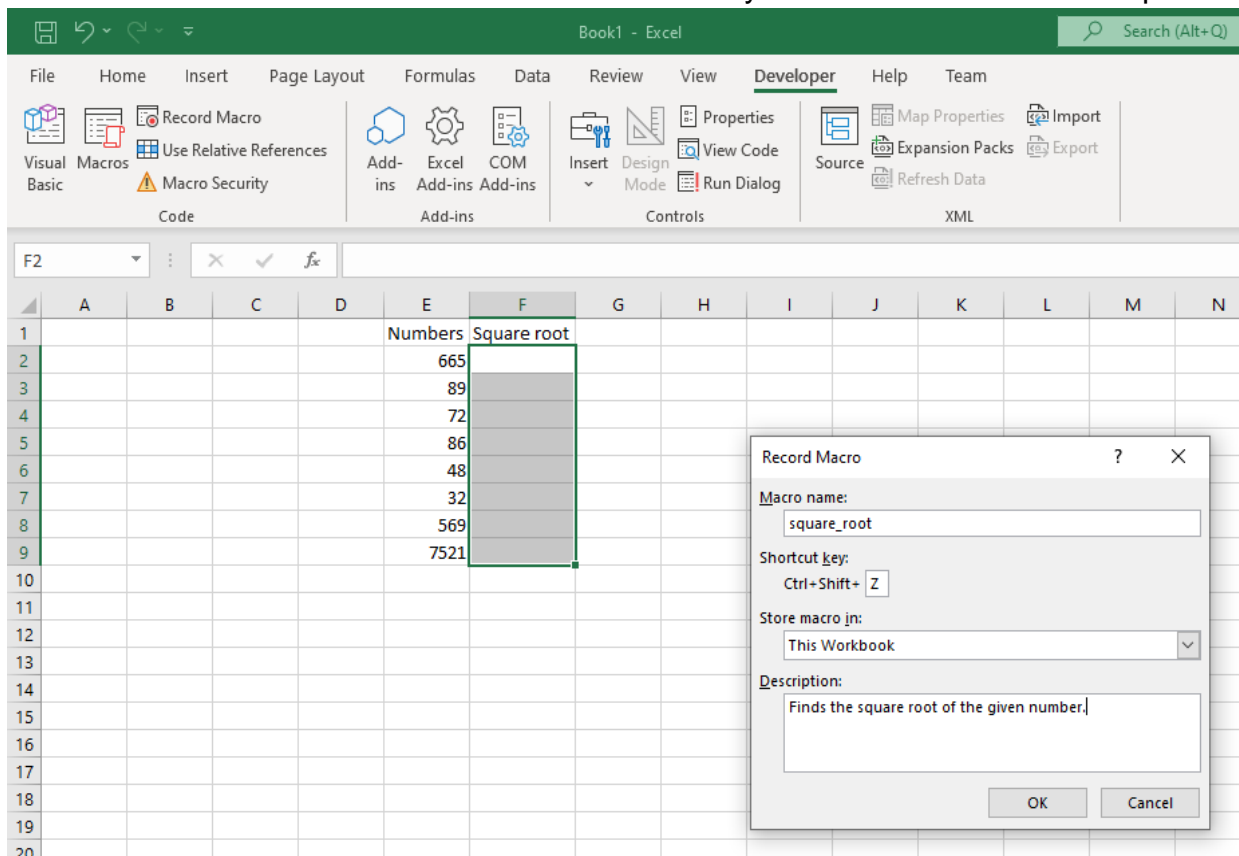
You can compile your VBA code by clicking Debug Menu → Compile VBA Project. If we don't compile the code it wont run and we don't get the desired output.

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

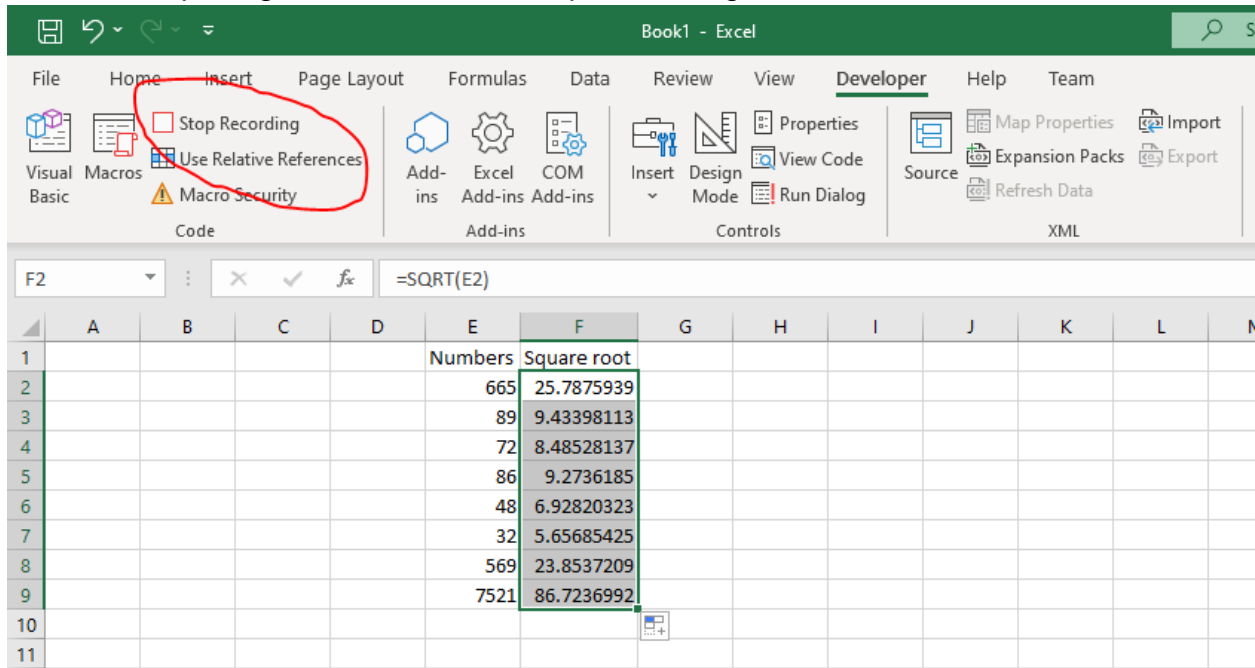
Hot keys are shortcut key of the VBA.

On the Developer tab, in the Code group, click Macros. In the Macro dialog box, click Options. The Macro Options dialog box will appear. In the Shortcut key box, type any uppercase or lowercase letter that you want to use for the shortcut, and then click OK to save the changes

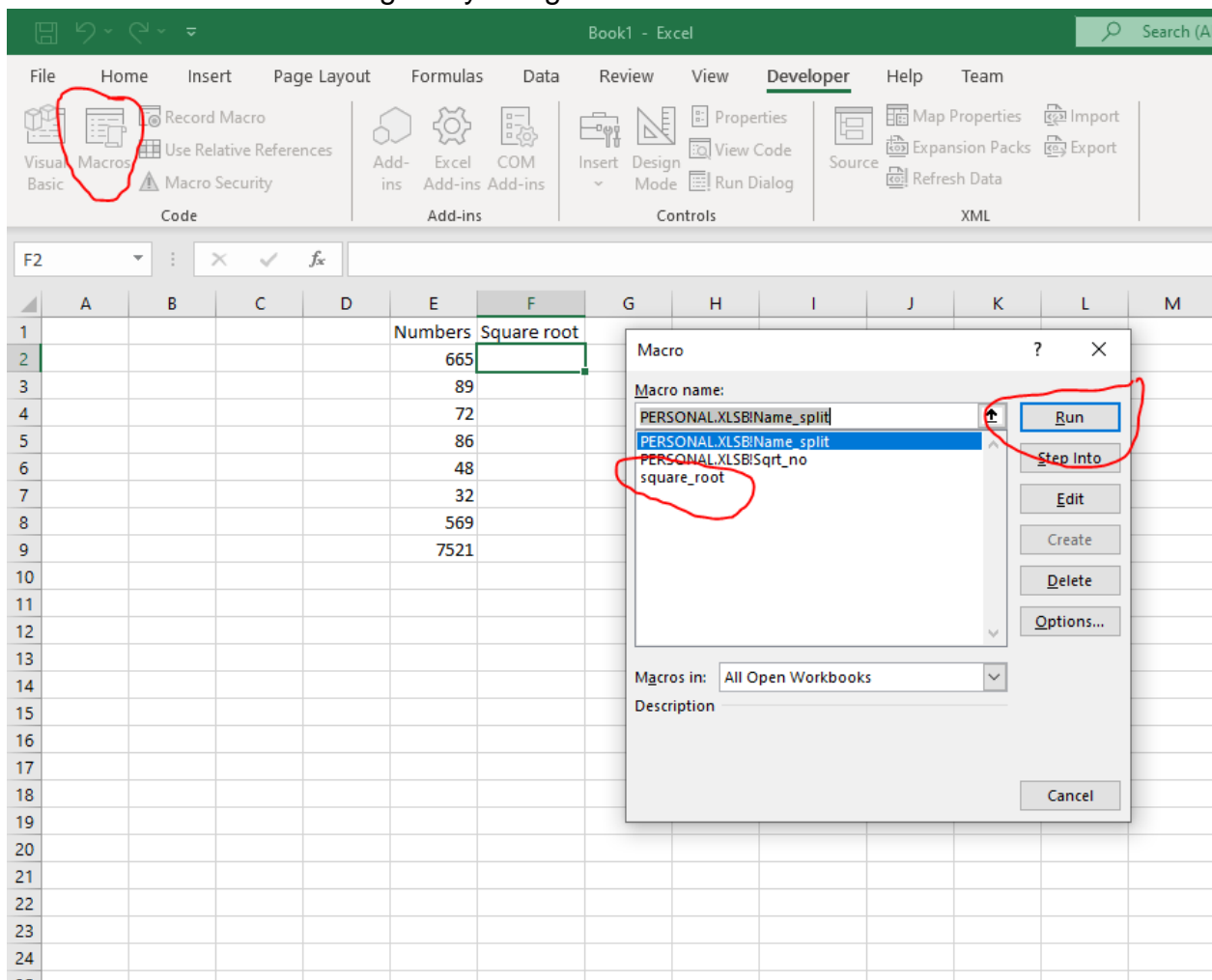
- Go to the developer tab and click on Record Macro



> After completing the task click on Stop Recording.



> Perform the same task again by using macro as shown in below.



> Final result

	A	B	C	D	E	F	G	H
1					Numbers	Square root		
2					665	25.7875939		
3					89	9.43398113		
4					72	8.48528137		
5					86	9.2736185		
6					48	6.92820323		
7					32	5.65685425		
8					569	23.8537209		
9					7521	86.7236992		
10								
11								
12								

6. What are the shortcut keys used to

- Run the code > F5
- Step into the code > Shift + F8
- Step out of code > Ctrl + Shift + F8
- Reset the code > Alt,R,R