

## Excel Assignment 18

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

Ans: A **comment** is a programmer-readable explanation or [annotation](#) in the [source code](#) of a [computer program](#). They are added with the purpose of making the source code easier for humans to understand, and are generally ignored by [compilers](#) and [interpreters](#). The [syntax of comments](#) in various programming languages varies considerably.

Comments are sometimes also processed in various ways to generate documentation external to the source code itself by [documentation generators](#), or used for integration with [source code management](#) systems and other kinds of external [programming tools](#).

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

Ans: The CALL statement transfers control from one object program to another within the run unit. Just type the word Call then space, then type the name of the macro to be called (run). The example below shows how to call Macro2 from Macro1.

It's important to note that the two macros DO NOT run at the same time. Once the Call line is hit, Macro2 will be run completely to the end. Once it is complete, Macro1 will continue to run the next line of code under the Call statement.

The program containing the CALL statement is the calling program; the program identified in the CALL statement is the called subprogram. Called programs can contain CALL statements; however, only programs defined with the RECURSIVE clause can execute a CALL statement that directly or indirectly calls itself

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?

Ans: compiling VBA code within MS Access, but the principle is the same across all Office applications: MS Word, MS Excel, MS PowerPoint, ...

Open your MS Access database

Press **CTRL+G** (or **ALT+F11**) to enter the VBE (Visual Basic Editor)

On the Standard Toolbar, Goto **Debug -> Compile Your Database Name**

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

Ans:

1. Go to **File > Options > Customize Ribbon**.
2. At the bottom of the **Customize the Ribbon and keyboard shortcuts** pane, select **Customize**.
3. In the **Save changes in** box, select the current document name or template that you want to save the keyboard shortcut changes in.
4. In the **Categories** box, select the category that contains the command or other item that you want to assign a keyboard shortcut to or remove a keyboard shortcut from.
5. In the **Commands** box, select the name of the command or other item that you want to assign a keyboard shortcut to or remove a keyboard shortcut from.

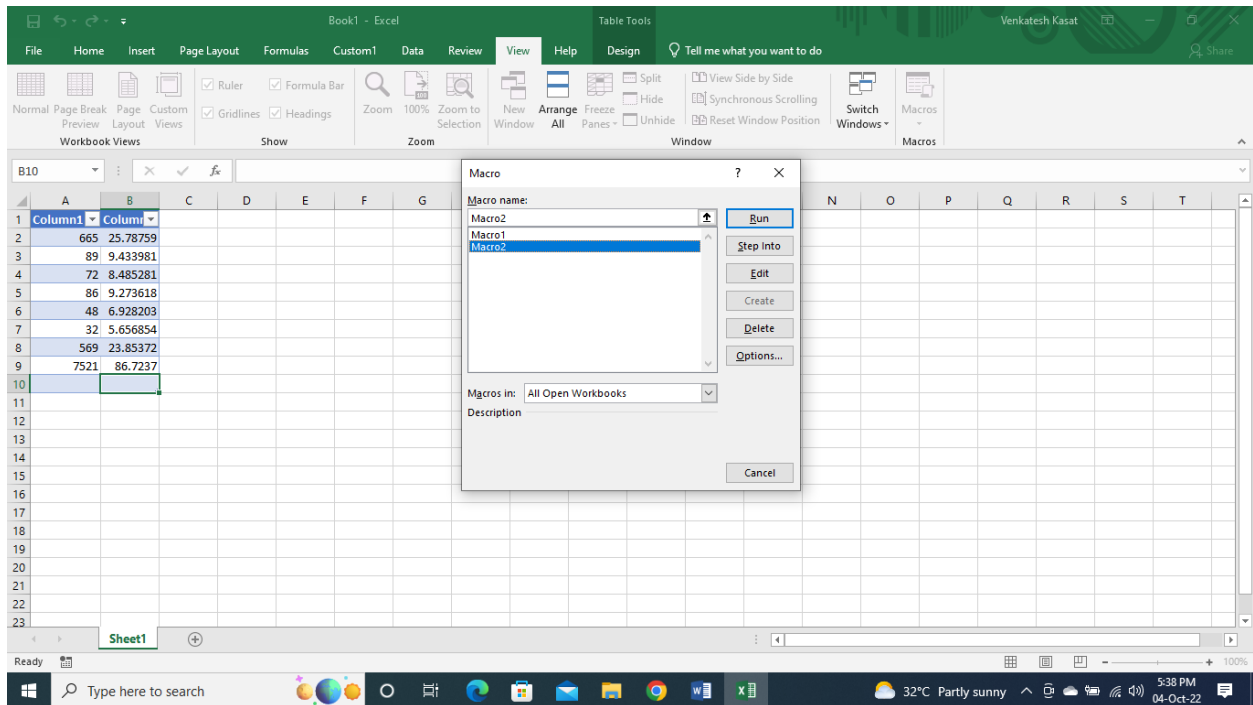
Any keyboard shortcuts that are currently assigned to that command or other item appear in the **Current keys** box, or below the box with the label **Currently assigned to**.

6. To assign a keyboard shortcut do the following:

Begin keyboard shortcuts with CTRL or a function key.

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:



6. What are the shortcut keys used to

- a. Run the code
- b. Step into the code
- c. Step out of code
- d. Reset the code

Ans: a. Fn+F5

b. F11

c. Shift+ F11

d. Press and hold F4 key