**Excel Assignment - 18**

**1. What are comments and what is the importance if commenting in any code**

In computer programming, 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.

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

The CALL statement transfers control from one object program to another within the run unit. The program containing the CALL statement is the calling program; the program identified in the CALL statement is the called subprogram.

**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**

**You can compile your VBA code by clicking Debug Menu → Compile VBA Project. A compile error for a missing “End if” part of an IF statement. Every individual line in the code is correct, but together, they don't represent a complete IF statement.**

**If you have access to the VBA code in the document or project, unprotect the module, and then run the code again to view the specific error. If you don't have access to the VBA code in the document, then contact the document author to have the code in the hidden module updated**

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

Running Macros & Code

|  |  |  |
| --- | --- | --- |
| **Shortcut** | **Windows** |  |
| Jump between Excel and the VB Editor Window | Alt+F11 |  |
| Run Macro/Procedure | F5 |  |
| Step Through Each Line of Code | F8 |  |
| Run to Cursor | Ctrl+F |  |

1. Click the Microsoft Office Button. ...
2. Click Customize.
3. Next to Keyboard shortcuts, click Customize.
4. In the Categories list, click Macros.
5. In the Macros list, click the macro that you want to change.
6. In the Press new shortcut key box, type the key combination that you want to

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

**Go to Developper Tab > Use relative Reference > Record macro >**

**Shortcut : CTRL + m > ok**

|  |  |
| --- | --- |
| **number** | **Square root** |
| 665 | 25.78759392 |
| 89 | 9.433981132 |
| 72 | 8.485281374 |
| 86 | 9.273618495 |
| 78 | 8.831760866 |
| 32 | 5.656854249 |
| 569 | 23.85372088 |
| 7521 | 86.72369918 |

**6.What are the shortcut keys used to**

**a. Run the code = ALT + F1**

**b. Step into the code = Alt + Shift + F7**

**c. Step out of code = shift +F1**

**d. Reset the cod = F5**