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

**Ans**: Comments are explanatory notes added to the code for better understanding. They are ignored during code execution.

Commenting is crucial for code readability. It helps others (or even yourself) understand the purpose of the code, making it easier to maintain and troubleshoot.

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

**Ans**: The Call statement is used to call a procedure in VBA.

While it's optional to use the Call keyword, you can use it to explicitly indicate that you are calling a procedure. For example: Call MyMacro.

1. 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**: Go to the "Debug" menu in the VBA Editor and select "Compile VBAProject."

Compiling checks for syntax errors and helps identify potential issues in the code. Failure to compile may lead to runtime errors or unexpected behavior.

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

**Ans**: Hot keys are keyboard shortcuts that perform specific actions.

In the VBA Editor, go to "Tools" > "Options" > "Editor Format" tab > "Hot Keys." You can assign custom hot keys to specific commands.

1. 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 SquareRootMacro()

ActiveCell.Value = Sqr(665)

ActiveCell.Offset(1, 0).Value = Sqr(89)

' Repeat for other numbers...

End Sub

1. What are the shortcut keys used to

**Ans**:

a. Run the Code: F5

b. Step into the Code: F8

c. Step Out of Code: Shift + F8

d. Reset the Code: Ctrl + Break (Pause/Break key)