---------------------------EXCELL ASSIGNMENT NO- 18-------------------

Q1) What are comments and what is the importance if commenting in any code?

ANS: A VBA COMMENT is a green line of text that helps you to describe the written code. In simple words, a comment is a line of text which is not a code and VBA ignores it while executing the code. It's a good practice (I'd say one of the best) to add comments in your VBA codes.

As I said commenting in a VBA code is one of the best practices and there are a few benefits that come with it. 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.

Q2) What is Call Statement and when do you use this statement?

ANS: 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 argument list

Q3) 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: You can compile your VBA code by clicking Debug Menu → Compile VBA Project.

If we do not compile the code we will get errors

1. **Syntax errors**– A specific line of code is not written correctly

2. **Compile errors**– Issues that happen when putting together lines of code, though the individual lines of code seem to make sense

3. **Runtime errors**– When the code is usually correct in principle, but an action taken by the user or the data being used leads to unexpected errors

Q4). what are hot keys in VBA? How can you create your own hot keys?

Ans: hot keys are the short cut keys in excel that we can use using the keyboard

\*Steps to create your own hot key:

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.

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

Q6) 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)Run a code : alt+enter or f5

b) step into the code : f9

c) step out of code :Ctrl +shift+f8

d) reset the code :Ctrl+r