

**Excel Assignment - 16**

1. What is a Macro? How is it useful in excel or in your daily work?

Ans: Macro in Excel is a programming language used to automate tasks in Microsoft Excel. It helps users to automate repetitive tasks and create custom applications within Excel. It is a powerful tool that helps users to create complex calculations and automate tasks quickly and easily.

1. What is VBA? Write its full form and briefly explain why VBA is used in excel?

Ans: Visual Basic for Applications (VBA) is part of Microsoft Corporation's legacy software Visual Basic. VBA is used to write programs for the Windows operating system and runs as an internal programming language in Microsoft Office (MS Office, Office) applications such as Access, Excel, PowerPoint, Publisher, Word, and Visio. VBA allows users to customize beyond what is normally available with MS Office host applications.

3. How do you record a macro? Write detailed steps to create a macro to automatically make the following table in bold and to create borders for it in excel.

hi 78

hello 69

ineuron 45

Ans: Go to Developer Tab, Click on Record Macro, fill the details and press Ok, perform action in sequence, select all, make bold and then Boarder, at end stop recording and it’s done.

1. What do you mean when we say VBA Editor?

Ans: VBA Editor is the place where you keep the VB code.

1. Briefly describe the interface of a VBA editor ? What is properties window? And what is watch window? How do you display these windows?

Ans: VBA editor have 4 section (project explorer, Properties window, code window and immediate window) and menu bar. In menu bar you have all the options that you can use in the VB Editor. It is like the Excel ribbon where you have tabs and options with each tab.

Properties window is where you get to see the properties of the select object and allows us to change the properties of a selected object.

Watch window display all variable or expression that has been placed in the window to enable you to monitor its values. Variables can be added by dragging and dropping them into the window. It is easy to watch individual variables. Drag a selected variable to the Immediate window or the Watch window.

1. What is an immediate Window and what is it used for?

Ans: The [Immediate window](https://trumpexcel.com/vba-immediate-window/) is mostly used when debugging code. It helps me to debug the code and determine where my code gets stuck. If I get the result of Print. Debug in the immediate window, I know the code worked at least till that line.