

Excel Assignment - 16

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

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.

An Excel macro is an action or a set of actions that can be recorded, named, saved and executed as many times as required and whenever desired. By using macros, we are able to automate repetitive tasks associated with data manipulation and data reporting that must be accomplished repeatedly.

Macros are a set of programming instructions written in VBA, which automate a repeated and standardized process in Excel and other Microsoft Office Applications, like Access, PowerPoint, Word & Outlook.

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

VBA means Visual Basic for Applications, it is a computer programming language developed and owned by Microsoft. With VBA you can create macros to automate repetitive word- and data-processing functions, and generate custom forms, graphs, and reports. VBA functions within MS Office applications; it is not a stand-alone product.

Excel VBA is a programming language that empowers users to automate tasks and create personalized solutions within Microsoft Excel.

1. 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

We record a macro on the Developer tab, click Record Macro. Optionally, enter a name for the macro in the Macro name box, enter a shortcut key in the Shortcut key box, and a description in the Description box, and then click OK to start recording.

To make the bold , Highlight all, then click on the home button on the ribbon and click bold

Then click all borders.

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

Microsoft Visual Basic for Applications (VBA) enables non-programmers to record, create, and edit macros that can automate tasks in Office applications. This article explains where you can find help when you use the Visual Basic Editor provided in your Office application.

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

The Visual Basic editor, also called the VBA editor, VB editor, or VBE, is an interface for creating scripts. VBA (Visual Basic for Applications) is the coding language that's used to create these scripts.

The Properties window displays the properties of single or multiple selected items. If multiple items are selected, the intersection of all properties for all selected objects is displayed.

The Watch Window makes it convenient to inspect, audit, or confirm formula calculations and results in large worksheets. By using the Watch Window, you don't need to repeatedly scroll or go to different parts of your worksheet.

* Select the cells that you want to watch. ...
* To display it, select Formulas > Watch Window.
* To specify the selected cells as the range you want to watch, click Add Watch > Add.
* Drag the title bar of the Watch Window to move it to the location you want.

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

The Immediate window displays information resulting from debugging statements in your code or from commands typed directly into the window. From the View menu, choose Immediate window (CTRL+G).13 Sept 2021