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Advance Excel Assignment 16

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

Ans:-

A macro is a set of instructions used to execute repetitive tasks. Macro is an action or a set of actions that you can run as many times as you want. It is very useful task in the daily work as it contains the set of actions which we use repeatedly.

2. What is VBA? Write its full form and briefly explain why VBA is used in Excel?

Ans:-

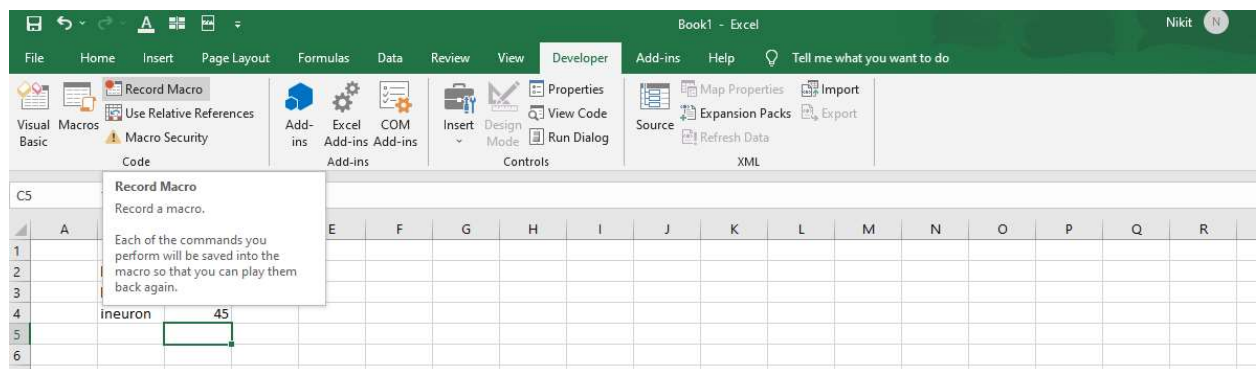
The full form of VBA is Visual Basic for Applications. It is a computer programming Language developed and owned by Microsoft. VBA is very useful in Excel as with VBA, we can create Macros to automate repetitive word- and data-processing functions, and generate custom forms, graphs, and reports.

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
inueron	45

Ans:-

Click Developer Ribbon > Record Macro

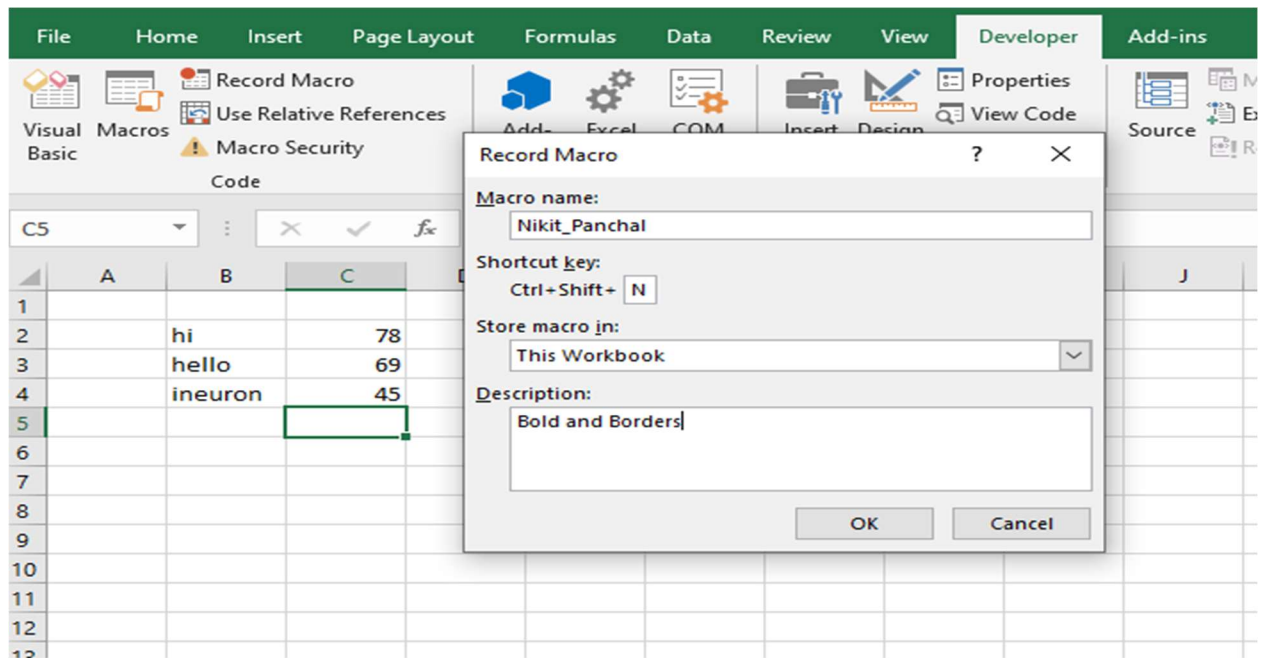


Fill Macros Name what you want. Please note: do not keep space in the name.

Give any shortcut key. I have given Ctrl+Shift+N to perform the Macros

You can write the description of the activities what you want to add in the Macro.

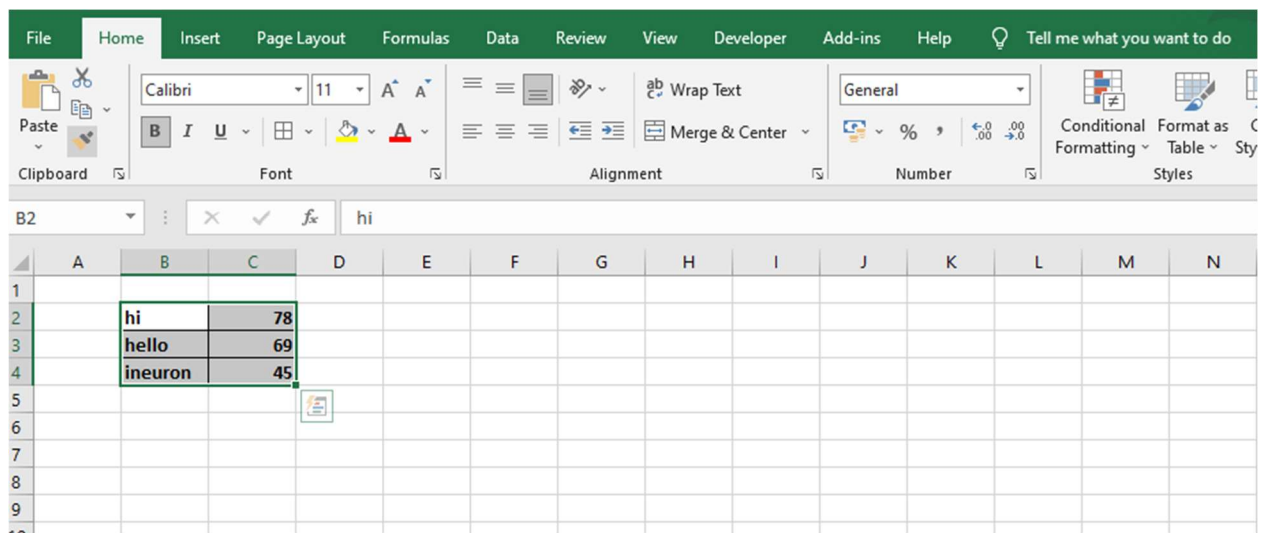
Click OK.



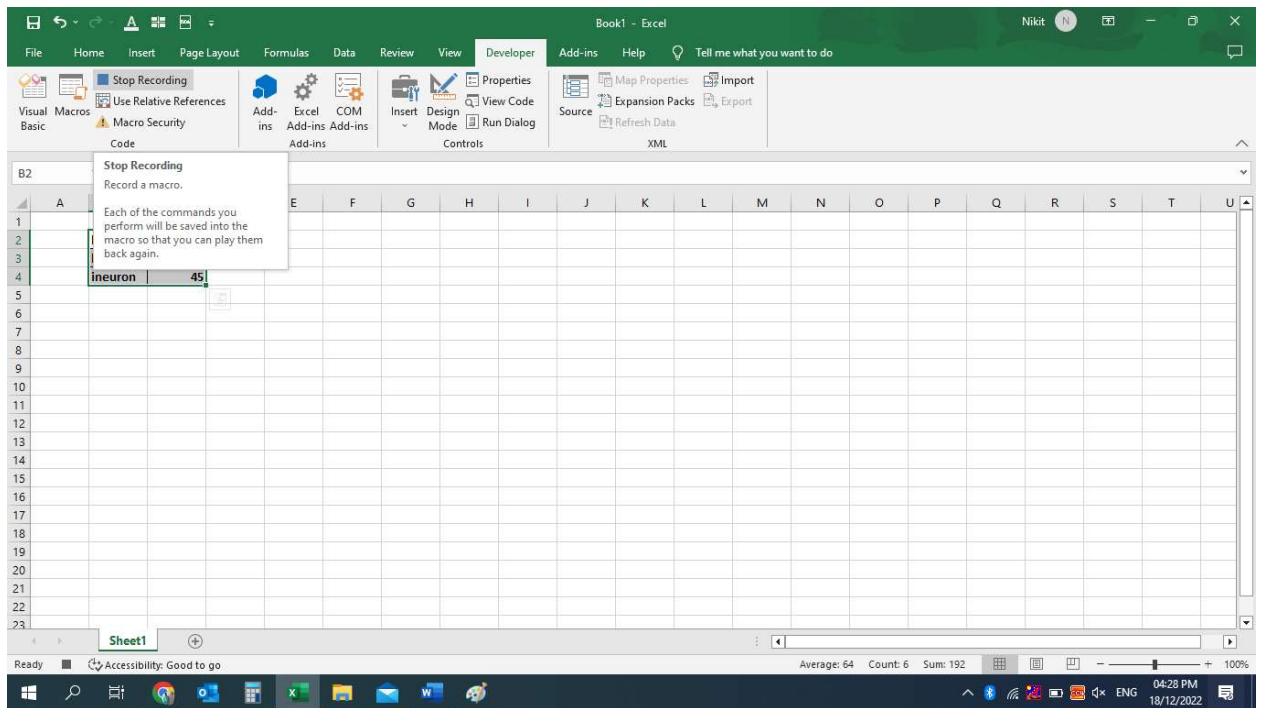
Select the Table Range

Click Home > Bold

Click Home > Table Borders (All Borders)



Click Developer > Stop Recording



You can check the Macro by removing Bold and borders of the selected cells and pressing Ctrl+Shift+N

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

Ans:-

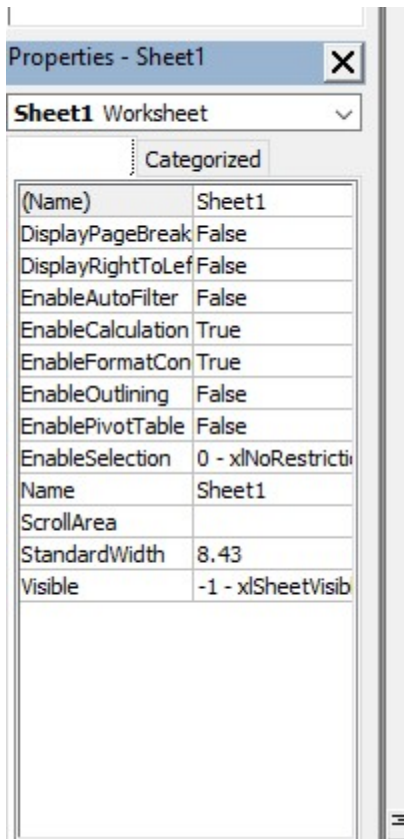
Visual Basic for Applications (VBA) enables non-programmers to record, create, and edit macros that can automate tasks in Office applications.

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

Ans:-

We can find the Menu bar, Properties Window, watch Window (In which, we can write the queries), Scroll Bars.

Properties Window is the window in which we can see the properties of the Macro.



Watch Window is the window / Space in which we can write / watch our queries of the macro.

Excel Assignments - 11 - Excel

File Home Insert Page Layout Formulas Data Review View Add-ins Help Tell me what you want to do

Function Library: Insert Function, AutoSum, Recently Used, Financial, Logical, Text, Date & Time, Lookup & Reference, Math & Trig, More Functions

Formula Auditing: Trace Precedents, Trace Dependents, Remove Arrows, Show Formulas, Error Checking, Evaluate Formula

Calculation: Watch Window, Calculation Options, Calculate Now, Calculate Sheet

Roll No.

Roll No.	Name of the student	Sub-1	Sub-2	Sub-3	Sub-4	Sub-5	Sub-6
100101	Rohan	72	55	52	69	95	32
100102	Mo han	65	51	63	85	71	69
100103	Ravi mehta	72	56	78	85	47	68
100104	Ruby tondon	68	71	85	84	78	60
100105	Radhika gupta	80	78	58	65	68	45
100106	Rakhi	61	78	45	62	75	64
100107	david	78	69	96	52	63	87
100108	mon ika mis hra	96	85	86	84	45	63
100109	Tommy singh	75	63	54	63	61	98
100110	p.rakesh	63	52	96	87	78	45

Watch Window

Book	Sheet	Name	Cell	Value	Formula
Excel Assignments - 11.xlsx	Table 3		A1	Roll No.	
Excel Assignments - 11.xlsx	Table 3		B1	Name of the stu...	
Excel Assignments - 11.xlsx	Table 3		C1	Sub-1	
Excel Assignments - 11.xlsx	Table 3		D1	Sub-2	
Excel Assignments - 11.xlsx	Table 3		E1	Sub-3	
Excel Assignments - 11.xlsx	Table 3		F1	Sub-4	
Excel Assignments - 11.xlsx	Table 3		G1	Sub-5	
Excel Assignments - 11.xlsx	Table 3		H1	Sub-6	
Excel Assignments - 11.xlsx	Table 3		A2	100101	
Excel Assignments - 11.xlsx	Table 3		B2	Rohan	
Excel Assignments - 11.xlsx	Table 3		C2	72	
Excel Assignments - 11.xlsx	Table 3		D2	55	

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