Excel Macros (VBA)– Chapter 1

Introducing VBA

Chapter 1 : Introducing VBA

- What is VBA

- What is a Macro

- What Macros can do for you

- Exploring Visual Basic Editor (VBE)

- Using Macro Recorder

- Running a Macro

- Assigning shortcut Key to the Macro

- Assigning a Macro to a command button

Chapter 1 : Introducing VBA

What is VBA:

Visual Basic for Applications (VBA) is a programming language created by Microsoft to automate operations in applications that support it, such as Excel. VBA is a powerful language that enable you to control excel in countless ways. VBA is an object oriented programming language.

VBA can also be used to manipulate other Microsoft applications in Access, word, Power Point and Outlook.

No additional installation is required for VBA. If you have Excel on your computer then you have VBA on your computer.

Chapter 1 : What is a Macro

What is a Macro:

A Macro is a sequence of VBA commands to run a task automatically instead of manually doing it.

What Macros can do for you:

Macros help us to do the repetitive and recurring tasks in less time and with accuracy.

Chapter 1 : Exploring Visual Basic Editor (VBE)

Exploring Visual Basic Editor (VBE) :

VBE is a user friendly development environment where we write the programming code (Macro). VBE is interconnected with the Excel workbook.

In Excel workbook, press ALT+F11 to open VBE.

Also we can open VBE, by clicking on the "Visual Basic" icon under Developer tab

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DEMO

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The easiest way to create a Macro is to record your worksheet actions using a valuable tool called the Macro Recorder. All you need to do is turn on the Macro Recorder, perform the actions that comprise the task you want to automate and then turn off the Macro Recorder when you have finished your task. While a Macro Recorder is on, every action you do, selecting a cell, entering a number, formatting a range , everything is recorded and represented as VBA code in a new Macro.

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Re-Cap

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Thank You

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