VBA - OVERVIEW

VBA stands for **V**isual **B**asic for **A**pplications an event driven programming language from Microsoft that is now predominantly used with Microsoft office applications such as MS-Excel, MS-Word and MS-Access.

It helps techies to build customized applications and solutions to enhance the capabilities of those applications. The advantage of this facility is that we NEED NOT have visual basic installed on our PC but installing office will implicitly help us to achieve the purpose.

We can use VBA in all office versions right from MS-Office 97 to MS-Office 2013 and also with any of the latest versions available. Among VBA, Excel VBA is the most popular one and the reason for using VBA is that we can build very powerful tools in MS Excel using linear programming.

Application of VBA

You might wonder why we need to use VBA in excel as MS-Excel itself provides loads on inbuilt functions. MS-Excel provides only basic inbuilt functions which maynot be sufficient to perform complex calculations. Under those circumstances VBA becomes the most obvious solution.

One of the best examples is it is very hard to calculate monthly repayment for a loan using Excel's built-in formulas but it is easy to program a VBA for such calculation.

Accessing VBA Editor

In Excel window, press "ALT+F11". VBA window opens as shown below.