

VBA EXCEL TERMS

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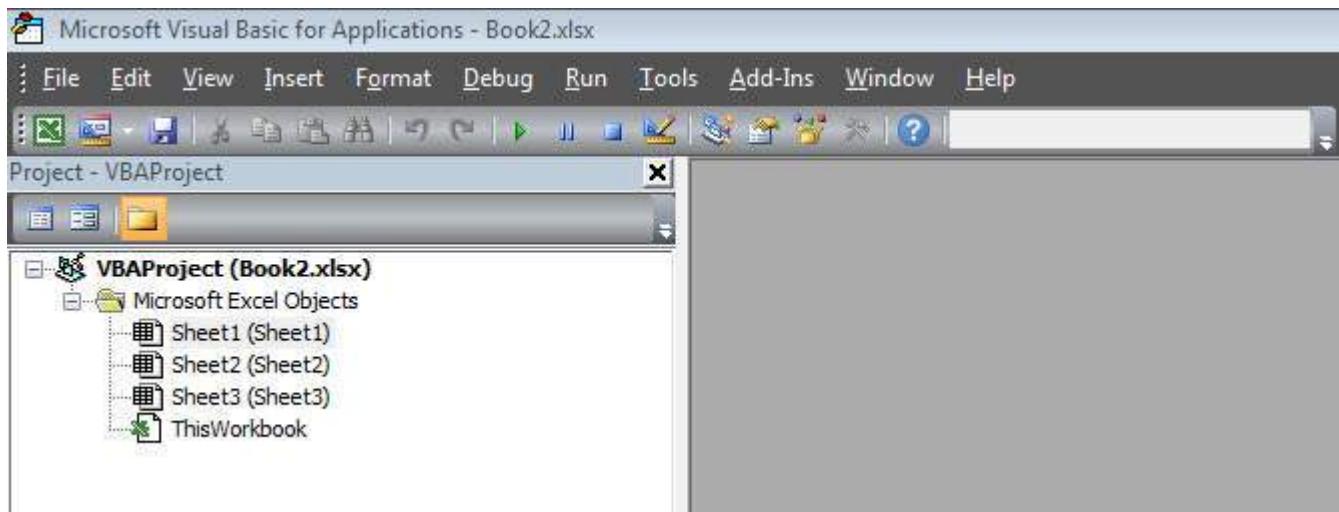
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Excel VBA Terminologies

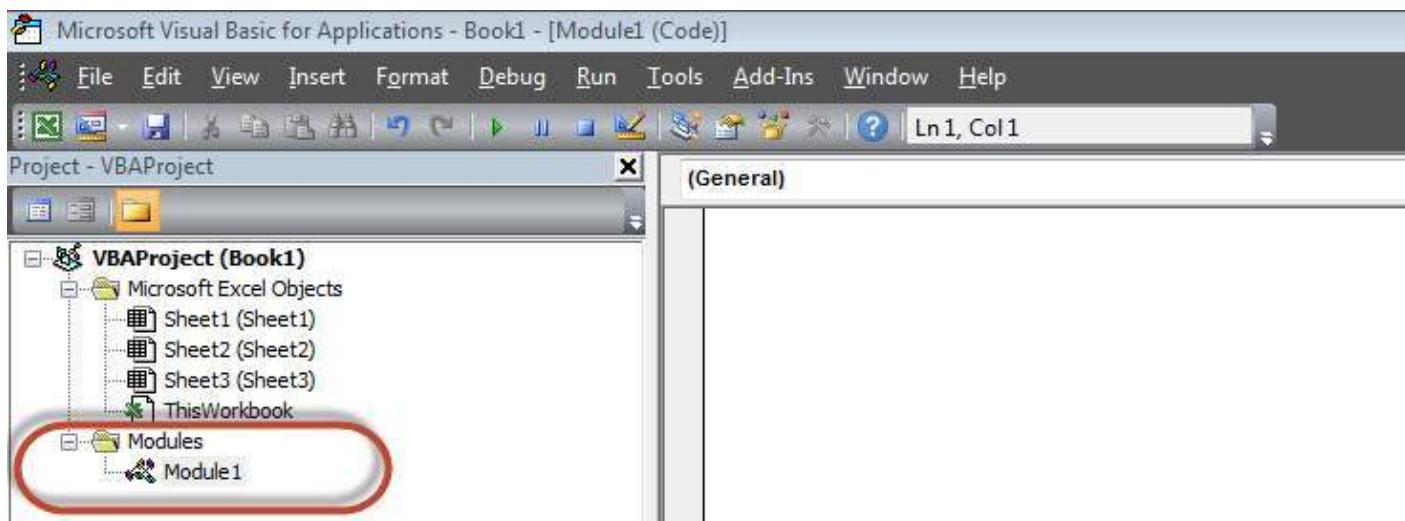
In this chapter let us understand commonly used excel VBA terminologies. These terminologies will be used in further modules hence understanding each one of these is a key.

Modules

1. Modules is the area where code is written. This is a new Workbook hence there aren't any Modules.



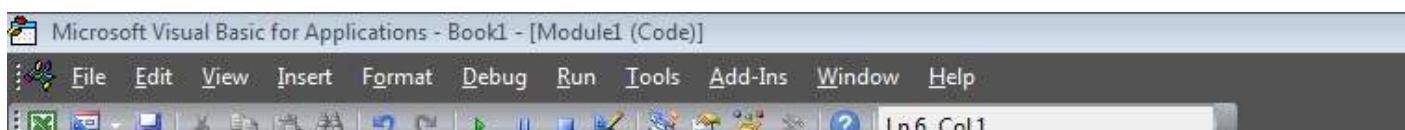
2. To insert a Module navigate to Insert >> Module. Once a module is inserted 'module1' is created. Within the modules, we can write VBA code and the code is written within a Procedure. A Procedure/Sub Procedure is a series of VBA statements instructing what to do.

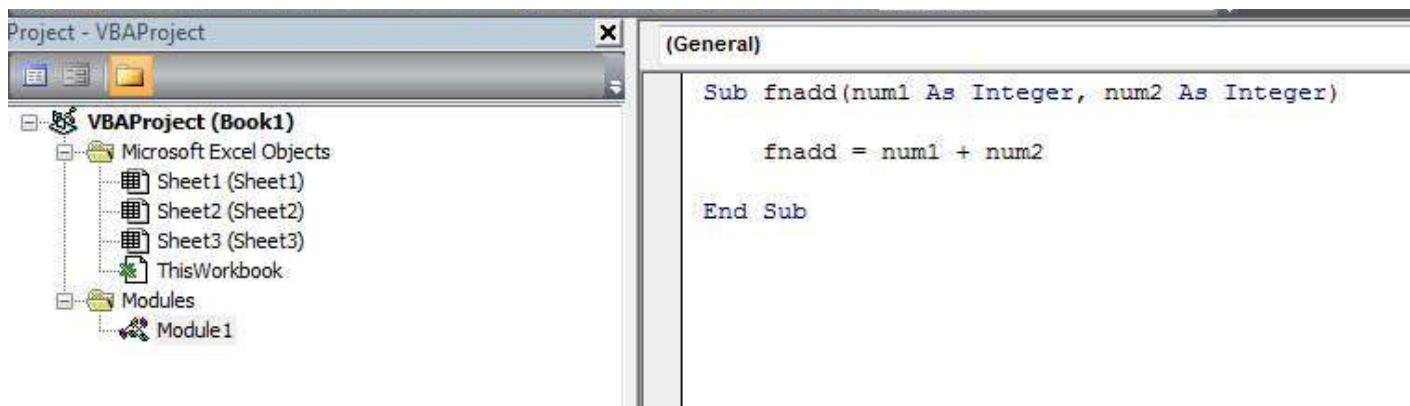


Procedure

Procedures are group of statements that are executed as a whole which instructs Excel how to perform a specific task. The task performed can be very simple or very complicated and it is a good practice to break down complicated procedures into smaller ones.

The two main types of Procedures are Sub and Function.





```
Sub fnadd(num1 As Integer, num2 As Integer)
    fnadd = num1 + num2
End Sub
```

Function

A function is a group of reusable code which can be called anywhere in your program. This eliminates the need of writing same code over and over again. This will enable programmers to divide a big program into a number of small and manageable functions.

Apart from inbuilt Functions, VBA allows us to write user-defined functions as well and statements are written between Function and End Function

Sub Procedures

Sub Procedures work similar to functions while Sub procedures DONOT Return a value while functions may or may not return a value. Sub procedures Can be called without call keyword. Sub procedures are always enclosed within **Sub** and **End Sub** statements.