Sub Routines

There are situations where the same computations need occur numerous times within the same program.
Rather than re-write the code each time it is needed, it is useful and efficient to create a Sub Routines(called Sub() for short) that contains the code. This routine can be called when it is needed.

A Sub() is also useful from an organization point of view. Once a procedure is written and is tested to work correctly, it is a separate unit from other parts of the program.

Sub Call Demo

By simply calling SubCallDemo() anywhere in the program, the same Sub is called.

```vb
Public Class Form1

    Sub SubCallDemo()
        MsgBox("1 Sub called repeatedly from different parts of the program")
    End Sub

    Private Sub btnFirstSub_Click(ByVal sender As System.Object, ByVal e As Sys
        SubCallDemo()
    End Sub

    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As System.
        SubCallDemo()
    End Sub

    Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As System.
        SubCallDemo()
    End Sub

    Private Sub Button3_Click(ByVal sender As System.Object, ByVal e As System.
        SubCallDemo()
    End Sub

    Private Sub Button4_Click(ByVal sender As System.Object, ByVal e As System.
        SubCallDemo()
    End Sub
End Class
```
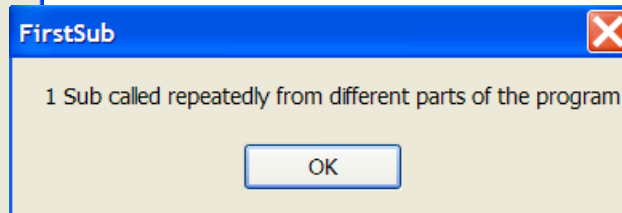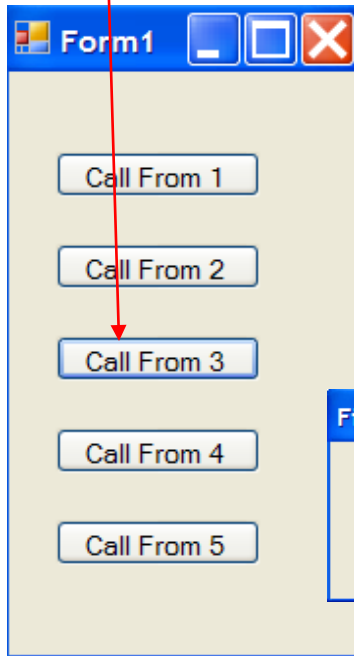
Form1

Call From 1

Call From 2

Call From 3

Call From 4

Call From 5

FirstSub

1 Sub called repeatedly from different parts of the program

OK

Tutorial

[Work Through this tutorial.](#)