

```

Public Class Form1

    ' Define global variables for use on this form only
    Dim x_Value As Integer = 0
    Dim x_Raised As Integer = 0
    Dim x_Powered As Integer = 0

    Private Sub Form1_Load(sender As Object, e As EventArgs) Handles MyBase.Load
        ' In the Code view, x will receive a value either from the an the
        ' running Form Or defined in the program.
        ' The x value is defined at runtime
        x_Value = 2
        x_Raised = 4
        ' Here, the values will be passed into a function also.
        ' x is passed into the function GetValueSquared and returned to the global
        variable x_Squared
        x_Powered = GetValueRaised(x_Value, x_Raised)
        ' The returned value is sent to a textbox on the Design form
        TextBox1.Text = x_Powered
    End Sub

    ' The function receives the value from the calling code and the expected return
    variable will be an integer
    Private Function GetValueRaised(ByVal myX As Integer, ByVal myExponent As Integer) As
Integer
        ' Set the function value to 1
        GetValueRaised = 1
        ' Within the function, the value is rasied to the passed in exponent value.
        ' The loop count is determined by the exponent passed in.
        For i As Integer = 1 To myExponent
            ' The value is multiplied to itself myExponent times
            GetValueRaised *= myX
        Next
        ' The function title does not need to be directly assigned to the return result.
        ' Return is commonly used .
        Return GetValueRaised
    End Function

End Class

```