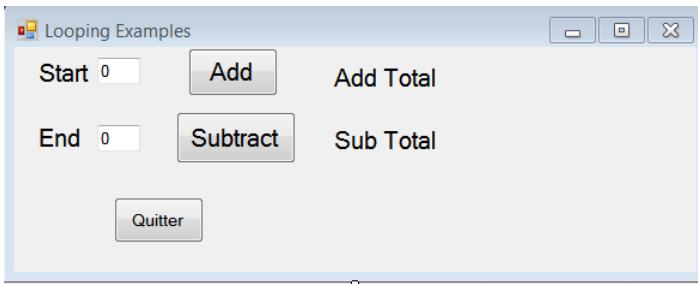


## Looping Examples



```
Public Class Form1
```

```
    Dim nstart, nend, addtotal, subtotal, ncount As Integer
```

```
    Private Sub Form1_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
```

```
    End Sub
```

```
    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click
```

```
        nstart = TextBox1.Text 'read starting number
        nend = TextBox2.Text 'read ending number
        ncount = 0 'reset the counter
        addtotal = 0 'reset the addition total
```

```
        Do While ncount <= nend - nstart 'loop will execute if counter is less-than or equal to the user inputted end number
```

```
            addtotal = addtotal + nstart + ncount 'add all the values together
            ncount = ncount + 1 'increment the counter
```

```
        Loop
```

```
        Label13.Text = "Addition Total is: " & addtotal
```

```
    End Sub
```

```
    Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button2.Click
```

```
        End
```

```
    End Sub
```

```
    Private Sub Button3_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button3.Click
```

```
        Dim count As Integer
```

```
        nstart = TextBox1.Text 'read starting number
        nend = TextBox2.Text 'read ending number
        ncount = 0 'reset the count
        subtotal = nend 'reset the addition total
```

```
        For count = nstart To (nend - 1)
            ncount = ncount + 1 'increment counter for subtraction
            subtotal = subtotal - (nend - ncount) 'subtract all the values together
        Next count
```

```
        Label14.Text = "They subtract to: " & subtotal
```

```
    End Sub
```

```
End Class
```