Public Class frmFuncConvert
    Inherits System.Windows.Forms.Form

    Windows Form Designer generated code

    Private Sub btnAddr_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnAddr.Click
        Dim wkCSZ As String, wkComm As Integer, wkCityLen As Integer
        Dim wkLen As Integer, wkState As Integer
        wkCSZ = InputBox("Enter City followed by a comma and space then State space Zip", "Address")
        wkComm = InStr(wkCSZ, ",")
        wkLen = Len(wkCSZ)
        wkCityLen = wkComm - 1
        txtCity.Text = Mid(wkCSZ, 0, wkCityLen)
        txtCity1.Text = Mid(wkCSZ, wkCityLen + 1, 2)
        wkState = wkComm + 2
        txtState.Text = Mid(wkCSZ, wkState, 2)
        txtZip.Text = Mid(wkCSZ, wkLen - 5, 5)
        txtZip1.Text = Right(wkCSZ, 5)

        End Sub

    End Class
```vbnet
Private Sub btnAddr_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnAddr.Click
    Dim wvCSZ As String, wvComma As Integer, wvCityLen As Integer
    Dim wvLen As Integer, wvState As Integer
    wvCSZ = InputBox("Enter City followed by a comma and space then State:space:Zip")
    wvComma = InStr(wvCSZ, ",")
    MsgBox(wvComma)
    wvLen = wvCSZ.Length
    MsgBox(wvLen)
    wvCitylen = wvComma - 1
    txtCity.Text = wvCSZ.Substring(0, wvCityLen)
    txtCity.Text = Microsoft.VisualBasic.Left(wvCSZ, wvCityLen)
    txtState.Text = wvCSZ.Substring(wvComma + 1, 2)
    wvState = wvComma + 2
    txtState.Text = Microsoft.VisualBasic.Mid(wvCSZ, wvState, 2)
    txtZip.Text = wvCSZ.Substring(wvLen - 5, 5)
    txtZip1.Text = Microsoft.VisualBasic.Right(wvCSZ, 5)
End Sub
End Class
```
```vbnet
Public Class frmFuncConvert
    Inherits System.Windows.Forms.Form

    Windows Form Designer generated code

    Private Sub btnAddr_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnAddr.Click
        Dim wkCity As String, wkZip As Integer, wkState As Integer
        Dim wkCityLen As Integer, wkStateLen As Integer
        wkCity = InputBox("Enter City followed by a comma and space", "","")
        wkComma = InStr(wkCity, ",")
        wkCity = Mid(wkCity, 1, wkComma - 1)
        txtCity.Text = wkCity.Substring(0, wkCityLen)
        txtState.Text = wkCity.Substring(wkComma + 1, 2)
        wkState = Mid(wkCity, wkComma + 2, 2)
        txtZip.Text = wkCity.Substring(wkComma + 5, 5)
        txtZip1.Text = Microsoft.VisualBasic.Right(wkCity, 5)
    End Sub
End Class
```
Private Sub btnAddr_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnAddr.Click
    Dim wkCSZ As String, wkComma As Integer, wkCityLen As Integer, wkState As Integer
    Dim wkLen As Integer
    wkCSZ = InputBox("Enter City followed by a comma and space or Address: ","")
    wkComma = InStr(wkCSZ, ",")
    wkLen = Len(wkCSZ)
    MsgBox(wkComma)
    MsgBox(wkLen)
    wkCityLen = wkLen - 1
    txtCity.Text = Mid(wkCSZ, 0, wkCityLen)
    txtState.Text = Mid(wkCSZ, wkComma + 1, 2)
    wkState = wkComma + 2
    txtState.Text = Mid(wkCSZ, wkState, 2)
    txtZip.Text = Mid(wkCSZ, wkLen - 5, 5)
    txtZip1.Text = Right(wkCSZ, 5)
End Sub
End Class
Private Sub btnAddr_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnAddr.Click
    Dim wkCSZ As String, wkComm As Integer, wkCityLen As Integer
    Dim wkCityLen As Integer, wkState As Integer
    wkCSZ = InputBox("Enter City followed by a comma and space ", "","")
    wkComma = InStr(wkCSZ, ",")
    MsgBox(wkComma)
    MsgBox(wkLen)
    MsgBox(wkCityLen = wkComma - 1)
    txtCity.Text = wkCSZ.Substring(0, wkCityLen)
    txtCity1.Text = Microsoft.VisualBasic.Left(wkCSZ, wkCityLen)
    txtState.Text = wkCSZ.Substring(wkComma + 1, 2)
    wkState = wkComma + 2
    txtState1.Text = Microsoft.VisualBasic.Mid(wkCSZ, wkState, 2)
    txtZip.Text = wkCSZ.Substring(wkLen - 5, 5)
    txtZip1.Text = Microsoft.VisualBasic.Right(wkCSZ, 5)
    End Sub
    End Class
Private Sub btnAddr_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnAddr.Click
    Dim wkCSZ As String, wkComm As Integer, wkCityLen As Integer
    Dim wkLen As Integer, wkState As Integer
    wkCSZ = InputBox("Enter City followed by a comma and space then State,""")
    wkComm = InStr(wkCSZ, ",")
    MsgBox(wkComm)
    wkLen = wkCSZ.Length
    MsgBox(wkLen)
    wkCityLen = wkLen - 1
    txtCity.Text = wkCSZ.Substring(0, wkCityLen)
    txtCity1.Text = Microsoft.VisualBasic.Left(wkCSZ, wkCityLen) + "," + Microsoft.VisualBasic.Right(wkCSZ, 1)
    wkState = wkCSZ + 2
    txtState.Text = Microsoft.VisualBasic.Middle(wkCSZ, wkState, 2)
    txtZip.Text = wkCSZ.Substring(wkLen - 5, 5)
    txtZip1.Text = Microsoft.VisualBasic.Middle(wkCSZ, 2, 5)
End Sub
End Class
If I start the substring at 5 I get R and then the number of characters is controlled by wkCityLen.
Public Class frmFuncConvert
    Inherits System.Windows.Forms.Form

    Windows Form Designer generated code

    Private Sub btnAddr_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnAddr.Click
        Dim wkCSS As String, wkComm As Integer, wkCityLen As Integer
        Dim wkLen As Integer, wkState As Integer
        wkCSS = InputBox("Enter City followed by a comma and space the towns.")
        wkComm = InStr(wkCSS, ",\)
        wkLen = wkCSS.Length
        MsgBox(wkLen)
        wkCityLen = wkComm - 1
        txtCity.Text = wkCSS.Substring(2, wkCityLen)
        txtCity1.Text = Microsoft.VisualBasic.Left(wkCSS, wkCityLen)
        txtState.Text = wkCSS.Substring(wkComm + 1, 2)
        wkState = wkComm + 2
        txtState1.Text = Microsoft.VisualBasic.Mid(wkCSS, wkState, 2)
        txtZip.Text = wkCSS.Substring(wkLen - 3, 5)
        txtZip1.Text = Microsoft.VisualBasic.Right(wkCSS, 5)

    End Sub

    End Class
Public Class frmFuncConvert
    Inherits System.Windows.Forms.Form

    Windows Form Designer generated code

    Private Sub btnAdr_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnAdr.Click
        Dim wKcity As String, wKcomma As Integer, wkCityLen As Integer
        Dim wklen As Integer, wkState As Integer
        wKcity = InputBox("Enter City Followed by a comma and space then State space Zip", "Address","
        wkcomma = InStr(wKcity, ",")
        MsgBox(wkcomma)
        wkCityLen = wKcity.Length
        MsgBox(wkCityLen)
        wklen = wkCityLen - 1
        wKcity = wKcity.Substring(0, wkCityLen)
        wKstate = wKstate + 2
        wKstate = wKcity.Substring(0, wkCityLen)
        MsgBox(wklen - 5, 5)
        txtZip.Text = wKcity.Substring(wklen - 5, 5)
    End Sub

End Class
This did not work with substring

```vbnet
Private Sub btnAdr_Click()
    Dim wkCSS As String
    Dim wken As Integer
    wkCSS = InputBox("E")
    wken = InStr(wkCSS, wkComma) - 1
    wkLen = wkCSS.Length
    MsgBox(wkLen)
    wkCitylen = wkComma
    txtCity.Text = wkCSS
    txtCity1.Text = Name
    txtState.Text = wkCSS
    wkState = wkComma +
    txtState.Text = Name
    txtZip.Text = wkCSS.Substring(-5, 5)
    txtZip1.Text = Microsoft.VisualBasic.Right(wkCSS, 5)
End Sub
```

Title: Mar 3-12:54 PM (10 of 13)
Your next assignment will ask you to take in a name as last/first/mid with mid being optional and then print out as first/mid last all in one box on the form.
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</tbody>
</table>
Public Class frmFuncConvert
    Inherits System.Windows.Forms.Form

    Windows Form Designer generated code

Private Sub btnAddr_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnAddr.Click
    Dim wkCS2 As String, wkComm As Integer, wkCityLen As Integer
    Dim wkLen As Integer, wkName As String
    wkCS2 = InputBox("Enter City followed by a comma and space then State space Zip", "Address")
    wkName = InputBox("Enter name in format last/first mid", "Whatever")
    wkComm = InStr(wkCS2, ",")
    MsgBox(wkComm)
    wkLen = wkCS2.Length
    MsgBox(wkLen)
    wkCityLen = wkComm - 1
    txtCity.Text = wkCS2.Substring(0, wkCityLen)
    txtCity.Text = Microsoft.VisualBasic.Left(wkCS2, wkCityLen)
    txtState.Text = wkCS2.Substring(wkComm + 1, 2)
    txtState = wkComm + 2
    txtState1.Text = Microsoft.VisualBasic.Right(wkCS2, 5)
    txtZip.Text = wkCS2.Substring(wkLen - 5, 5)
    txtZip1.Text = Microsoft.VisualBasic.Right(wkCS2, 5)

End Sub
End Class