'Monogram

Public Class Form1

Private Sub btnMonogram\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnMonogram.Click

Dim fullName As String

Dim firstInitial As String

Dim lastInitial As String

Dim middleInitial As String

Dim temp As String 'substring of just the middle and last names

Dim firstName As String 'substring of just the first name

Dim space As Integer

fullName = Me.txtNames.Text

firstInitial = fullName.Substring(0, 1)

space = fullName.IndexOf(" ")

If space = -1 Then 'no space character found

middleInitial = Nothing

lastInitial = Nothing

Else 'at least one space found

firstName = fullName.Substring(0, space)

middleInitial = fullName.Substring(space + 1, 1)

'Create without first name

temp = fullName.Substring(space + 1, fullName.Length - firstName.Length - 1)

'Get location of second space character

space = temp.IndexOf(" ")

If space = -1 Then 'no second space character found

lastInitial = Nothing

Else 'get last name initial

lastInitial = temp.Substring(space + 1, 1)

End If

End If

If lastInitial = Nothing Then 'user entered two names

Me.lblAnswer.Text = firstInitial.ToLower & middleInitial.ToUpper

Else 'user entered three names

Me.lblAnswer.Text = firstInitial.ToLower & lastInitial.ToUpper & \_

middleInitial.ToLower

End If

End Sub

Private Sub txtNames\_TextChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles txtNames.TextChanged

Me.lblAnswer.Text = Nothing

End Sub

Private Sub Form1\_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

End Sub

End Class