Visual Basic - CIS156/56

Weekly Schedule

<table>
<thead>
<tr>
<th>Week</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Week #1</td>
<td>This course will use Visual Basic 2010 (.NET).</td>
</tr>
<tr>
<td></td>
<td>Read chapter #1 in the text, I would also start to read chapter #2.</td>
</tr>
<tr>
<td>Week of January 23rd</td>
<td>Note many of these were done for the .NET version and while the code works,</td>
</tr>
<tr>
<td></td>
<td>there are development differences. The software for this course is available</td>
</tr>
<tr>
<td></td>
<td>through the text and it is also available through the Microsoft alliance.</td>
</tr>
<tr>
<td></td>
<td>For information about using the alliance to acquire software for this course:</td>
</tr>
<tr>
<td></td>
<td>MSDN Alliance Software</td>
</tr>
</tbody>
</table>

Send email to Priscilla Grocer: pgrocer@bristol.mass.edu
This is the first programming example. It is under Examples 2010 (version 2010 of VB) and it is a zipped folder PayCalc. All VB projects get zipped for storage and you need to zip them to send to me.
Public Class frmPayCalc

    Private Sub btnCalc_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnCalc.Click
        txtGrossPay.Text = txtPayHr.Text * txtHrsWk.Text
    End Sub

    Private Sub btnClose_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnCancel.Click
        Me.Close()
    End Sub

    Private Sub btnClear_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnClear.Click
        txtGrossPay.Clear()
        txtHrsWk.Clear()
        txtPayHr.Clear()
    End Sub

    Private Sub cmdCalcMore_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles cmdCalcMore.Click
        Dim wkPayHr As Double, wkHrsWk As Double
        Dim wkGrossPay As Double
        wkHrsWk = CDbl(txtHrsWk.Text)
        wkPayHr = CDbl(txtPayHr.Text)
        wkGrossPay = wkHrsWk * wkPayHr
        txtGrossPay.Text = wkGrossPay.ToString("C")
    End Sub

End Class
I go down to name and name the application which gets stored under solution name as well and then I can browse to get the location to store.

Starting a new project.

Title: Jan 25-10:34 AM (7 of 24)
The title In Class came through changing the text in the properties.
Note label names start with lbl, textbox names start with txt and buttons will start with btn.

Buttons will be added here.
This is where I write the VB code that will be executed when the button named btnCalc is clicked.
There are 4 buttons and each has a corresponding click event that is executed when the button is clicked.

This is from the original program - we are looking back to see what to do next.

```vbnet
Public Class frmPayCalc

    Private Sub btnCalc_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
        txtGrossPay.Text = txtPayHr.Text * txtHrsWk.Text
    End Sub

    Private Sub btnClose_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
        Me.Close()
    End Sub

    Private Sub btnClear_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
        txtGrossPay.Clear()
        txtHrsWk.Clear()
        txtPayHr.Clear()
        txtName.Clear()
    End Sub

    Private Sub cmdCalcMore_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
        Dim wkPayHr As Double, wkHrsWk As Double
        Dim wkGrossPay As Double
        wkHrsWk = CDbl(txtHrsWk.Text)
        wkPayHr = CDbl(txtPayHr.Text)
        wkGrossPay = wkHrsWk * wkPayHr
        txtGrossPay.Text = wkGrossPay.ToString("C")
    End Sub

End Class
```
Public Class frmInClass
    Private Sub btnCalc_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
        txtGrossPay.Text = txtHours.Text * txtPayHr.Text
    End Sub
End Class
Looking back to first example again.

The class worked on finishing in class.
Second example from my examples called cisBasicProj.
Public Class cisForm

Private Sub btnWelcome_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnWelcome.Click
lblWelcome.Visible = True
MessageBox.Show("Welcome!")
End Sub

Private Sub btnExit_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnExit.Click
Me.Close()
End Sub

End Class

Welcome
Public Class cisForm

    Private btnWelcome_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnWelcome.Click
        lblWelcome.Visible = True
        MessageBox.Show("Welcome!")
    End Sub

    Private Sub btnExit_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnExit.Click
        Me.Close() 
    End Sub

End Class