Combo boxes
Fall, Spring, Summer are the collection associated with Items.
Public Class frmFacCrs
    Inherits System.Windows.Forms.Form

    Windows Form Designer generated code

    Private Sub btnAddCrs_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnAddCrs.Click
        lstCrs.Items.Add(choCrs.Text)
    End Sub

    Private Sub cboSemester_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles cboSemester.SelectedIndexChanged
        lstCrs.Items.Clear()
        lstCrs.Items.Add("Courses for the " & cboSemester.Text & " semester")
    End Sub

    Private Sub frmFacCrs_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        cboSemester.Text = "Fall"
        lstCrs.Items.Add("Courses for the Fall semester")
        lstCrs.Items.Add("Courses for the Spring semester")
        lstCrs.Items.Add("Courses for the Summer semester")
    End Sub

    Private Sub btnClear_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnClear.Click
        lstCrs.Items.Clear()
        cboSemester.ResetText()
        choCrs.ResetText()
    End Sub

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

End Class
This example has nothing in the collection.
At load, the combo boxes are filled.

Note reset and compare to previous.
This example involves user fill of combo boxes.
Public Class frmFacCrs
    Inherits System.Windows.Forms.Form

    Windows Form Designer generated code

    Private Sub btnAddCrs_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnAddCrs.Click
        lstCrs.Items.Add(choCourses.Text)
    End Sub

    Private Sub choSemester_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles choSemester.SelectedIndexChanged
        If choSemester.SelectedItem IsNot Nothing Then
            Semester = choSemester.SelectedItem.ToString
            lstCrs.Items.Add(choCourses.Text)
            btnAddCrs.Enabled = True
        End If
    End Sub

    Private Sub frmFacCrs_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        Dim entry As String
        entry = InputBox("Enter semester, enter Done when finished", "Semester", "")
        Do While entry <> "Done"
            choSemester.Items.Add(entry)
            entry = InputBox("Enter semester, enter Done when finished", "Semester", "")
        Loop
        entry = InputBox("Enter course, enter Done when finished", "Course", "")
        Do While entry <> "Done"
            choCourses.Items.Add(entry)
            entry = InputBox("Enter course, enter Done when finished", "Course", "")
        Loop
        btnAddCrs.Enabled = False
    End Sub

    Private Sub btnClear_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnClear.Click
        choSemester.SelectedIndex = -1
    End Sub
Private Sub frmFacCrs_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles sender.Load
    Dim userEntry As String
    userEntry = InputBox("Enter semester, enter Done when finished", "Semester", "")
    Do While userEntry <> "Done"
        cboSemester.Items.Add(userEntry)
        userEntry = InputBox("Enter semester, enter Done when finished", "Semester", "")
    Loop
    userEntry = InputBox("Enter course, enter Done when finished", "Course", "")
    Do While userEntry <> "Done"
        cboCourses.Items.Add(userEntry)
        userEntry = InputBox("Enter course, enter Done when finished", "Course", "")
    Loop
    btnAddCrs.Enabled = False
End Sub

Private Sub btnAddCrs_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnAddCrs.Click
    cboSemester.SelectedIndex = -1
End Sub
Private Sub frmFacCrs_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles sender.Load
Dim userEntry As String
userEntry = InputBox("Enter semester, enter Done when finished", "Semester","")
Do While userEntry <> "Done"
    userEntry = InputBox("Enter semester, enter Done when finished", "Semester","")
    cboSemester.Items.Add(userEntry)
Loop
userEntry = InputBox("Enter course, enter Done when finished", "Course","")
Do While userEntry <> "Done"
    userEntry = InputBox("Enter course, enter Done when finished", "Course","")
    cboCourses.Items.Add(userEntry)
Loop
btnAddCrs.Enabled = False
End Sub

Private Sub btnClear_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnClear.Click
cboSemester.SelectedIndex = -1
End Sub
Public Class frmFacCrs

Inherits System.Windows.Forms.Form

    Windows Form Designer generated code

    Private Sub btnAddCrs_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
        lstCrs.Items.Add(choCourses.Text)
    End Sub

    Private Sub choSemester_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs)
        lstCrs.Items.Add("Courses for the " & choSemester.Text & " semester")
        lstCrs.Items.Add(""")
        btnAddCrs.Enabled = True
    End Sub

    Private Sub frmCrs_Cls(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Cls

        Dim userEntry As String
        userEntry = InputBox("Enter semester, enter Done when finished", "Semester", "")
        Do While userEntry <> "Done"
            choSemester.Items.Add(userEntry)
            userEntry = InputBox("Enter semester, enter Done when finished", "Semester", "")
            Loop
        userEntry = InputBox("Enter course, enter Done when finished", "Course", "")
        Do While userEntry <> "Done"
            choCourses.Items.Add(userEntry)
            userEntry = InputBox("Enter course, enter Done when finished", "Course", "")
            Loop
        btnAddCrs.Enabled = False
    End Sub

    Private Sub btnClear_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnClear.Click
        choSemester.SelectedIndex = -1
    End Sub

End Class
New topic: breaks
This shows the Powerpoint dealing with minor total breaks.

This is the data that I am going to read. I want to do break processing which means I want to print out a total whenever the department number changes. Note that to do this easily, the file should be sorted/ordered by department number.
**Minor Total Processing**

<table>
<thead>
<tr>
<th>Dept</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>500</td>
</tr>
<tr>
<td>12</td>
<td>100</td>
</tr>
<tr>
<td>12</td>
<td>50</td>
</tr>
<tr>
<td>15</td>
<td>200</td>
</tr>
<tr>
<td>15</td>
<td>100</td>
</tr>
<tr>
<td>15</td>
<td>50</td>
</tr>
<tr>
<td>17</td>
<td>20</td>
</tr>
<tr>
<td>17</td>
<td>240</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Total 12:</td>
<td>650</td>
</tr>
<tr>
<td>Total 15:</td>
<td>660</td>
</tr>
<tr>
<td>Total 17:</td>
<td>260</td>
</tr>
<tr>
<td>Final Total:</td>
<td>1570</td>
</tr>
</tbody>
</table>

This is the input data. Each record contains a department and an amount.

Records from department 12.

Total for department 12.

Output report that is produced containing the input records and a total each time the department number changes.

Final total for all departments.

This shows the logic of the processing that needs to happen. The next slide will show the actual output that my program produces.
Private Sub frmMinor_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
    FileOpen(1, "Minor.txt", OpenMode.Input)
    wkHoldDept = ""
End Sub

Private Sub btnProcess_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnProcess.Click
    Dim wkDeptNo As String, wkAmt As String
    If Not EOF(1) Then
        Input(1, wkDeptNo)
        Input(1, wkAmt)
        If wkHoldDept <> wkDeptNo Then
            If wkHoldDept <> "" Then
                wkHoldDept = wkDeptNo
                wkMinTot = 0
            Else
                wkHoldDept = wkDeptNo
            End If
        End If
        lstMinor.Items.Add(wkDeptNo & ", ", FormatCurrency(wkAmt))
        wkMinTot = wkMinTot + wkAmt
        wkFinTot = wkFinTot + wkAmt
        Else
            MsgBox("End of File", vbOKOnly, "EOF")
        End If
        lstMinor.Items.Add("Final Total: ", FormatCurrency(wkFinTot))
        FileClose(1)
    End If
End Sub
Private Sub fmnMinor_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
    FileOpen(1, "Minor.txt", OpenMode.Input)
    wHolderDept = ""
End Sub

Private Sub btnProcess_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
    Dim wkDeptNo As String, wkAmt As String
    Dim lstMinor As New List(Of String)
    Dim wkHoldDept As String
    Dim wkMinTot As Single
    Dim wkFinTot As Single
    Dim wkDeptNo As String
    Dim wkHoldDept As String
    Dim wkMinTot As Single
    Dim wkFinTot As Single
    Dim wkDeptNo As String
    Dim wkHoldDept As String
    Dim wkMinTot As Single
    Dim wkFinTot As Single
    Dim wkDeptNo As String
    Dim wkHoldDept As String
    Dim wkMinTot As Single
    Dim wkFinTot As Single
    Dim wkDeptNo As String
    Dim wkHoldDept As String
    Dim wkMinTot As Single
    Dim wkFinTot As Single
    Dim wkDeptNo As String
    Dim wkHoldDept As String
    Dim wkMinTot As Single
    Dim wkFinTot As Single
    Dim wkDeptNo As String
    Dim wkHoldDept As String
    Dim wkMinTot As Single
    Dim wkFinTot As Single
    Dim wkDeptNo As String
    Dim wkHoldDept As String
    Dim wkMinTot As Single
    Dim wkFinTot As Single
    Dim wkDeptNo As String
    Dim wkHoldDept As String
    Dim wkMinTot As Single
    Dim wkFinTot As Single
    Dim wkDeptNo As String
    Dim wkHoldDept As String
    Dim wkMinTot As Single
    Dim wkFinTot As Single
    Dim wkDeptNo As String
    Dim wkHoldDept As String
    Dim wkMinTot As Single
    Dim wkFinTot As Single
    Dim wkDeptNo As String
    Dim wkHoldDept As String
    Dim wkMinTot As Single
    Dim wkFinTot As Single
    Dim wkDeptNo As String
    Dim wkHoldDept As String
    Dim wkMinTot As Single
    Dim wkFinTot As Single
    Dim wkDeptNo As String
    Dim wkHoldDept As String
    Dim wkMinTot As Single
    Dim wkFinTot As Single
    Dim wkDeptNo As String
    Dim wkHoldDept As String
    Dim wkMinTot As Single
    Dim wkFinTot As Single
    Dim wkDeptNo As String
    Dim wkHoldDept As String
    Dim wkMinTot As Single
    Dim wkFinTot As Single
Private Sub frmMinor_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
    FileOpen(1, "Minr.txt", OpenMode.Input)
    wKHoldDept = ""
End Sub

Private Sub btnProcess_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnProcess.Click
    Dim wkDeptNo As String, wkAmt As String
    If Not EOF(1) Then
        Input(1, wkDeptNo)
        If wkHoldDept <> wkDeptNo Then
            wkHoldDept = wkDeptNo
            wkMinTot = 0
        Else
            wkHoldDept = wkDeptNo
        End If
        If Not EOF(1) Then
            Input(1, wkDeptNo)
            If wkHoldDept <> wkDeptNo Then
                wkHoldDept = wkDeptNo
                wkMinTot = 0
            Else
                wkHoldDept = wkDeptNo
            End If
        Else
            MsgBox("End of File", vbOKOnly, "EOF")
        End If
    Else
        MsgBox("End of File", vbOKOnly, "EOF")
    End If
End Sub
Public Class frmMinor
  Inherits System.Windows.Forms.Form
  Dim wkMintot As Integer
  Dim wkFinTet As Integer
  Dim wkHoldDept As String

  Private Sub frmMinor_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
    FileOpen(1, "Minor.txt", OpenMode.Input)
    wkHoldDept = ""
  End Sub

  Private Sub btnProcess_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
    Dim wkDeptNo As String = 0
    Dim wkAmt As String = 0
    If Not EOF(1) Then
      Input(1, wkDeptNo)
      Input(1, wkAmt)
      If wkHoldDept <> wkDeptNo Then
        If wkHoldDept <> "" Then
          wkHoldDept = wkDeptNo
          wkMintot = 0
        Else
          wkHoldDept = wkDeptNo
        End If
      End If
      lstMinor.Items.Add(wkDeptNo & " " & FormatCurrency(wkAmt))
      wkMintot = wkMintot + wkAmt
      wkFinTet = wkFinTet + wkDeptNo
    Else
      lstMinor.Items.Add("End of File")
      Input(1, wkDeptNo)
      Input(1, wkDeptNo)
      If wkHoldDept <> wkDeptNo Then
        If wkHoldDept <> "" Then
          wkHoldDept = wkDeptNo
          wkMintot = 0
        Else
          wkHoldDept = wkDeptNo
        End If
      End If
      lstMinor.Items.Add(wkDeptNo & " " & FormatCurrency(wkAmt))
      wkMintot = wkMintot + wkAmt
      wkFinTet = wkFinTet + wkDeptNo
      Else
    End If
  End Sub
End Class