Public Class frmDoWhile
    Inherits System.Windows.Forms.Form

    Private Sub btnCalc_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnCalc.Click
        Dim costFirstLb As Single = 1.5
        Dim costEvery4oz As Single = 0.5
        Dim wkgWeight As Integer
        Dim wkgCost As Single
        Dim wkgWeight = Val(txtLb.Text) + 16 + Val(txtOz.Text)
        IF wkgWeight < 17 Then
            wkgCost = costFirstLb
            Else
                wkgWeight = wkgWeight - 16
                wkgCost = wkgCost + costEvery4oz
            wkgWeight = wkgWeight - 4
            Loop
        End If
        txtDueDue.Text = Format(wkgCost, "Currency")
    End Sub

    Private Sub btnClear_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnClear.Click
        txtName.Clear()
        txtAddr.Clear()
        txtCST.Clear()
        txtLb.Clear()
        txtOz.Clear()
        txtDueDue.Clear()
    End Sub

    United Delivery Service Receipt

    Send To: Ann Smith
    23 Main St
    Fall River, MA 02720

    Weight: 2  3
    Pounds  Ounces

    Amount Due $4.00
Public Class frmDoWhile
    Inherits System.Windows.Forms.Form

    Private Sub btnCalc_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnCalc.Click
        Dim wkrWeight As Integer
        Dim wkrCost As Single
        wkrWeight = Val(txtlb.Text) * 16 + Val(txtoz.Text)
        If wkrWeight < 17 Then
            wkrCost = ctfstLb
        Else
            wkrCost = wkrWeight - 16
            wkrCost = wkrCost + ctevery4oz
            wkrWeight = wkrWeight - 4
        End If
        Do While wkrWeight > 0
            wkrCost = wkrCost + ctevery4oz
            wkrWeight = wkrWeight - 4
        Loop
        txtAmountDue.Text = Format(wkrCost, "Currency")
    End Sub

    Private Sub btnClear_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnClear.Click
        txtName.Clear()
        txtStdncy.Clear()
        txtCode.Clear()
        txtlb.Clear()
        txtoz.Clear()
        txtAmountDue.Clear()
    End Sub

End Class
```vbnet
Public Class frmRepeatUntilPost
    Inherits System.Windows.Forms.Form

    Windows Form Designer generated code

    Private Sub btnProcess_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnProcess.Click
        Dim ct As Integer = 1
        Do
            lstMsg.Items.Add("This is week ", & ct + ", of the semester")
            ct = ct + 1
        Loop Until ct > 18
    End Sub

    Private Sub btnEnd_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnEnd.Click
        End
    End Sub

End Class
```
Public Class frmRepeatUntilPost
    Inherits System.Windows.Forms.Form

    Windows Form Designer generated code

    Private Sub btnProcess_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
        Dim ct As Integer = 1
        Do
            listMsg.Items.Add("This is week " & ct & " of the semester")
            listMsg.Items(ct) = ct + 1
        Loop Until ct
    End Sub

    Private Sub btnEnd_Click(Nullable<System.EventArgs>)
    End Sub

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

    Windows Form Designer generated code

    Private Sub btnProcess_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnProcess.Click
        Dim ct As Integer = 16
        Do Until ct > 18
            lstNeg.Items.Add("This is week " & ct)
            ct = ct + 1
        Loop
    End Sub

    Private Sub btnEnd_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnEnd.Click
        End
    End Sub

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

    Windows Form Designer generated code

    Private Sub btnProcess_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnProcess.Click
        Dim ct As Integer = 1
        Do Until ct > 18
            lstMsg.Items.Add("This is week " & ct & " of the semester")
            ct = ct + 1
        Loop
    End Sub

    Private Sub btnEnd_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnEnd.Click
        End
    End Sub

    End Class

Repeat Until
This is week 1 of the semester
This is week 2 of the semester
This is week 3 of the semester
This is week 4 of the semester
This is week 5 of the semester
This is week 6 of the semester
This is week 7 of the semester
This is week 8 of the semester
This is week 9 of the semester
This is week 10 of the semester
This is week 11 of the semester
This is week 12 of the semester
This is week 13 of the semester
This is week 14 of the semester
This is week 15 of the semester

Process   End
Public Class frmRepeatMsg
    Inherits System.Windows.Forms.Form

    Windows Form Designer generated code

    Private Sub btnProcess_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnProcess.Click
        Dim ct As Integer = 15
        Do
            lstMsg.Items.Add("This is week " & ct & " of the semester")
            ct = ct + 1
        Loop While ct <= 15
    End Sub

    Private Sub btnInd_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnInd.Click
        End Sub
    End Class
Public Class frmRepeatMsg
    Inherits System.Windows.Forms.Form

    Windows Form Designer generated code

    Private Sub btnProcess_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnProcess.Click
        Dim ct As Integer = 1
        Do
            lstMsg.Items.Add("This is week " & ct & " of the semester")
            ct = ct + 1
        Loop While ct <= 15
    End Sub

    Private Sub btnEnd_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnEnd.Click
    End Sub
End Class
Public Class frmRepeatMsg
    Inherits System.Windows.Forms.Form
    Windows Form Designer generated code

Private Sub btnProcess_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnProcess.Click
    Dim ct As Integer = 1
    Do While ct <= 15
        lstMsg.Items.Add("This is week " & ct & " of the semester")
        ct = ct + 1
    Loop
End Sub

Private Sub btnFind_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnFind.Click
End Sub
End Class

This is week 1 of the semester
This is week 2 of the semester
This is week 3 of the semester
This is week 4 of the semester
This is week 5 of the semester
This is week 6 of the semester
This is week 7 of the semester
This is week 8 of the semester
This is week 9 of the semester
This is week 10 of the semester
This is week 11 of the semester
This is week 12 of the semester
This is week 13 of the semester
This is week 14 of the semester
This is week 15 of the semester
Process
End
Public Class frmForNext1
    Inherits System.Windows.Forms.Form
    Windows Form Designer generated code

    Private Sub btnEnd_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnEnd.Click
        End
    End Sub

    Private Sub btnProcess_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnProcess.Click
        Dim wkFirstNum As Integer = 1
        Dim wkSecondNum As Integer
        Dim wkResult As Integer
        Dim wkToShow As String
        For wkSecondNum = 1 To 10
            wkResult = wkFirstNum + wkSecondNum
            wkToShow = wkFirstNum & " + " & wkSecondNum & " = " & wkResult
            lstMathFacts.Items.Add(wkToShow)
        Next
        ' For wkSecondNum = 1 To 10 Step 1
        ' wkResult = wkFirstNum + wkSecondNum
        ' wkToShow = wkFirstNum & " + " & wkSecondNum & " = " & wkResult
        ' lstMathFacts.Items.Add(wkToShow)
        ' Next wkSecondNum
    End Sub
End Class
```
Public Class frmForNext2
    Inherits System.Windows.Forms.Form

    Windows Form Designer generated code

    Private Sub btnEnd_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnEnd.Click
        End
    End Sub

    Private Sub btnProcess_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)Handles btnProcess.Click
        Dim ukFirstNum As Integer
        Dim ukSecondNum As Integer
        Dim ukResult As Integer
        Dim ukToShow As String
        For ukFirstNum = 1 To 5
            For ukSecondNum = 1 To 5
                ukResult = ukFirstNum + ukSecondNum
                ukToShow = ukFirstNum & " + " & ukSecondNum & " = " & ukResult
                lstMathFacts.Items.Add(ukToShow)
            Next
        Next
    End Sub

End Class
```
Public Class frmForSteps
    Inherits System.Windows.Forms.Form

Private Sub btnEnd_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnEnd.Click
    End
End Sub

Private Sub btnProcess_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnProcess.Click

    Dim wkFirstNum As Integer
    Dim wkSecondNum As Integer
    Dim wkResult As Integer
    Dim wkToShow As String
    Dim wkStart As Integer = 2
    Dim wkEnd As Integer = 10
    Dim wkIncrement As Integer = 2

    For wkFirstNum = wkStart To wkEnd Step wkIncrement
        For wkSecondNum = wkStart To wkEnd Step wkIncrement
            wkResult = wkFirstNum + wkSecondNum
            wkToShow = wkFirstNum & " + " & wkSecondNum & " = " & wkResult
            lstMathFacts.Items.Add(wkToShow)
        Next
    Next
End Sub
End Class
Public Class frmForSteps
    Inherits System.Windows.Forms.Form

    Windows Form Designer generated code

    Private Sub btnEnd_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnEnd.Click
        End
    End Sub

    Private Sub btnProcess_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnProcess.Click
        Dim ukFirstNum As Integer
        Dim ukSecondNum As Integer
        Dim ukResult As Integer
        Dim ukToShow As String
        Dim ukStart As Integer = 10
        Dim ukEnd As Integer = 2
        Dim ukIncrement As Integer = 2
        For ukFirstNum = ukStart To ukEnd Step ukIncrement
            For ukSecondNum = ukStart To ukEnd Step ukIncrement
                ukResult = ukFirstNum + ukSecondNum
                ukToShow = ukFirstNum & " + " & ukSecondNum & " = " & ukResult
                lstMathFact.Items.Add(ukToShow)
            Next
        Next
    End Sub
End Class
Note minimum set to 1 and maximum set to 25 which sets up the range for the slide.
In class someone asked if you could use the contents of the text box to set the slide. This was the code we tested.
This includes a message to show the random number.
Country Muffin Shop
I initialized in the program. You can set the initial values in the properties.
Public Class frmMuffins
    Inherits System.Windows.Forms.Form
    Dim vkAntOve As Single
    Dim vkTotal As Single
    Dim vctAntct As Integer
    Dim vkHighestSale As Single

    Windows Form Designer generated code

    Private Sub frmMuffins_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles c1bMuffins.Load
        c1bMuffins.Items.Add("Cornmeal")
        c1bMuffins.Items.Add("Bran")
        c1bMuffins.Items.Add("Poppyseed")
        c1bMuffins.Items.Add("Blueberry")
        c1bMuffins.Items.Add("Cranberry")
    End Sub

    Private Sub btnCalc_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnCalc.Click
        Dim ct As Integer
        Dim cDisc As Decimal = 0.95
        Dim vkAntOve = 0
        For ct = 0 To c1bMuffins.Items.Count - 1
            If c1bMuffins.GetItemChecked(ct) = True Then
                vkAntOve = vkAntOve + CI1t(txtQuantity.Text) * cDisc
            End If
        Next
        If radDisc.Checked = True Then
            vkAntOve = vkAntOve * cDisc
        End If
        If vkAntOve > vkHighestSale Then
            vkHighestSale = vkAntOve
        End If
        txtAntOve.Text = FormatCurrency(vkAntOve) + vbCrLf + vbCrLf + vbCrLf + vbCrLf
        txtTotal = vkTotal + vkAntOve
    End Sub

End Class
Private Sub frmMuffins_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
    cmbMuffins.Items.Add("Cornmeal")
    cmbMuffins.Items.Add("Bran")
    cmbMuffins.Items.Add("Poppymeed")
    cmbMuffins.Items.Add("Blueberry")
    cmbMuffins.Items.Add("Cranberry")
End Sub

Private Sub btnCalc_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnCalc.Click
    Dim ct As Integer
    Dim oDisc As Decimal = 0.9
    Dim wkAmtOwe = 0
    For ct = 0 To cmbMuffins.Items.Count - 1
        If cmbMuffins.GetItemChecked(ct) = True Then
            wkAmtOwe = wkAmtOwe + CInt(txtQuantity.Text) * ct * oDisc
        End If
    Next
    If radDisc.Checked = True Then
        wkAmtOwe = wkAmtOwe * cDisc
    End If
    If oDisc == wkHighestSale Then
        wkHighestSale = wkDisc
    End If
    txtAmtDue.Text = FormatCurrency(wkTotal)
    wkTotal = wkTotal + wkDisc
    wcTotal = wcTotal + 1
End Sub

Private Sub btnClear_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnClear.Click
    Dim ct As Integer
    Dim wkDisc As Integer
    Dim wkHighSale As Integer
End Sub