This is in loops under the VB.NET previous programs.
We went back and added code to clear the message area and text box as well.
Private Sub btnDoWhileLoop_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles sender.Click
Dim wkCt As Integer = 1
Dim wkAns As Double = CDbl(txtStartAmt.Text)
Dim wkMsg As String
Do While wkCt <= txtNumTimes.Text
    wkAns = wkAns - CDbl(txtAmtSubst.Text)
    wkMsg = "Amount Now" + CStr(wkAns)
    lstTrace.Items.Add(wkMsg)
    wkCt = wkCt + 1
Loop
txtAmtLeft.Text = wkAns
End Sub

Private Sub btnDoWhilePost_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles sender.Click
Dim wkCt As Integer = 1
Dim wkAns As Double = CDbl(txtStartAmt.Text)
Dim wkMsg As String
Do
    wkAns = wkAns - CDbl(txtAmtSubst.Text)
    wkMsg = "Amount Now" + CStr(wkAns)
    lstTrace.Items.Add(wkMsg)
    wkCt = wkCt + 1
Loop While wkCt <= txtNumTimes.Text
txtAmtLeft.Text = wkAns
End Sub

Private Sub btnDoUntilLoop_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles sender.Click
Dim wkCt As Integer = 1
Dim wkAns As Double = CDbl(txtStartAmt.Text)
Dim wkMsg As String
Do Until wkCt > txtNumTimes.Text
    wkAns = wkAns - CDbl(txtAmtSubst.Text)
    wkMsg = "Amount Now" + CStr(wkAns)
    lstTrace.Items.Add(wkMsg)
    wkCt = wkCt + 1
Loop
End Sub
Be sure to compare the while and the until and the pre and post tests.
Should have cleared before I ran.
```vbnet
Public Class btnDoWhileLoop_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnDoWhileLoop.Click
    Dim wkCt As Integer = 1
    Dim wkAns As Double = CDBl(txtStartAmt.Text)
    Dim wkMsg As String
    Do While wkCt <= txtNumTimes.Text
        wkAns = wkAns - CDBl(txtAmtSubt.Text)
        wkMsg = "Amount Now " & CStr(wkAns)
        lstTrace.Items.Add(wkMsg)
        wkCt = wkCt + 1
    Loop
    txtAmtLeft.Text = wkAns
End Sub
```

```vbnet
Private Sub btnDoWhilePost_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnDoWhilePost.Click
    Dim wkCt As Integer = 1
    Dim wkAns As Double = CDBl(txtStartAmt.Text)
    Dim wkMsg As String
    Do
        wkAns = wkAns - CDBl(txtAmtSubt.Text)
        wkMsg = "Amount Now " & CStr(wkAns)
        lstTrace.Items.Add(wkMsg)
        wkCt = wkCt + 1
    Loop While wkCt <= txtNumTimes.Text
    txtAmtLeft.Text = wkAns
End Sub
```

```vbnet
Private Sub btnDoUntilLoop_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnDoUntilLoop.Click
    Dim wkCt As Integer = 1
    Dim wkAns As Double = CDBl(txtStartAmt.Text)
    Dim wkMsg As String
    Do Until wkCt > txtNumTimes.Text
        wkAns = wkAns - CDBl(txtAmtSubt.Text)
        wkMsg = "Amount Now " & CStr(wkAns)
        lstTrace.Items.Add(wkMsg)
    Loop
    txtAmtLeft.Text = wkAns
End Sub
```
Private Sub btnDoUntilLoop_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnDoUntilLoop.Click
    Dim wkCnt As Integer = 1
    Dim wkAns As Double = CDbl(txtStartAmt.Text)
    Dim wkMsg As String
    Do Until wkCnt > txtNumTimes.Text
        wkAns = wkAns - CDbl(txtAmtSubt.Text)
        wkMsg = “Amount Now: “ & CStr(wkAns)
        lstTrace.Items.Add(wkMsg)
        wkCnt = wkCnt + 1
    Loop
    txtAmountLeft.Text = wkAns
End Sub

Private Sub btnDoUntilPost_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnDoUntilPost.Click
    Dim wkCnt As Integer = 1
    Dim wkAns As Double = CDbl(txtStartAmt.Text)
    Dim wkMsg As String
    Do
        wkAns = wkAns - CDbl(txtAmtSubt.Text)
        wkMsg = “Amount Now: “ & CStr(wkAns)
        lstTrace.Items.Add(wkMsg)
        wkCnt = wkCnt + 1
    Loop Until wkCnt > txtNumTimes.Text
    txtAmountLeft.Text = wkAns
End Sub

Private Sub btnForLoop_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnForLoop.Click
    Dim wkAns As Double = CDbl(txtStartAmt.Text)
    Dim wkMsg As String
    For wkCnt = 1 To 4
        wkAns = wkAns - CDbl(txtAmtSubt.Text)
        wkMsg = “Amount Now: “ & CStr(wkAns)
        lstTrace.Items.Add(wkMsg)
    Next
    txtAmountLeft.Text = wkAns
End Sub
Private Sub btnDoUntilLoop_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnDoUntilLoop.Click
    Dim wkCt As Integer = 1
    Dim wkAns As Double = CDBl(txtStartAmt.Text)
    Dim wkMsg As String
    Do Until wkCt > txtNumTimes.Text
        wkAns = wkAns - CDBl(txtAmtSubt.Text)
        wkMsg = "Amount Now" + CStr(wkAns) & vbCrLf
        lstTrace.Items.Add(wkMsg)
        wkCt = wkCt + 1
    Loop
    txtAmtLeft.Text = wkAns
End Sub

Private Sub btnDoUntilPost_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnDoUntilPost.Click
    Dim wkCt As Integer = 1
    Dim wkAns As Double = CDBl(txtStartAmt.Text)
    Dim wkMsg As String
    Do
        wkAns = wkAns - CDBl(txtAmtSubt.Text)
        wkMsg = "Amount Now" + CStr(wkAns) & vbCrLf
        lstTrace.Items.Add(wkMsg)
        wkCt = wkCt + 1
    Loop Until wkCt > txtNumTimes.Text
    txtAmtLeft.Text = wkAns
End Sub

Private Sub btnForLoop_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnForLoop.Click
    Dim wkAns As Double = CDBl(txtStartAmt.Text)
    Dim wkMsg As String
    For wkCt = 1 To 4
        wkAns = wkAns - CDBl(txtAmtSubt.Text)
        wkMsg = "Amount Now" + CStr(wkAns) & vbCrLf
        lstTrace.Items.Add(wkMsg)
    Next
```vbnet
Private Sub btnForLoop_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnForLoop.Click
    Dim wkAns As Double = CDbI(txtStartAmt.Text)
    Dim wkMsg As String
    For wkCnt = 1 To 4
        wkAns = wkAns - CDbI(txtAmtSub.Text)  ' Step
        wkMsg = "Amount Now " + CStr(wkAns)
        lstTrace.Items.Add(wkMsg)  ' Increment
    Next
End Sub
End Class
```
Do
  wkAns = wkAns - CDb1(txtAmtSubst.Text)
  wkMsg = "Amount Now " + CStr(wkAns)
  lstTrace.Items.Add(wkMsg)
  wkct = wkct + 1
Loop Until wkct > txtNumTimes.Text
End Sub

Private Sub btnForLoop_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
  Dim wkAns As Double = CDb1(txtStartAmount.Text)
  Dim wkMsg As String
  Dim wkct As Integer = 1
  For wkct = 1 To 4
    wkAns = wkAns - CDb1(txtAmtSubst.Text)
    wkMsg = "Amount Now " + CStr(wkAns)
    lstTrace.Items.Add(wkMsg)
  Next
End Sub

End Class
Private Sub btnDoUntilPost_Click(byval sender as system.object, byval e as system.eventargs)
    Dim wkCt As Integer = 1
    Dim wkAns As Double = CDBL(txtStartAmt.Text)
    Dim wkMsg As String
    Do
        wkAns = wkAns - CDBL(txtAmtSubt.Text)
        wkMsg = "Amount Now " + CStr(wkAns)
        lstTrace.Items.Add(wkMsg)
        wkCt = wkCt + 1
    Loop Until wkCt > txtNumTimes.Text
    txtAmtLeft.Text = wkAns
End Sub

Private Sub btnForLoop_Click(byval sender as system.object, byval e as system.eventargs)
    Dim wkCt As Double = CDBL(txtStartAmt.Text)
    Dim wkMsg As String
    For wkCt = 2 to 8 step 2
        wkAns = wkAns - CDBL(txtAmtSubt.Text)
        wkMsg = "Amount Now " + CStr(wkAns)
        lstTrace.Items.Add(wkMsg)
    Next
End Sub
End Class
Private Sub btnCalcRaise_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnCalcRaise.Click
    Dim wkdWithRaise As Double
    Dim wkHrs As Single
    Dim wkPayHr As Single
    Dim wkPay As Single
    Dim lstJobItems As Collection = lstJob.OfType(Of Job).ToList()
    Dim j As New Job
    j.Key In New Job, "Job", 40, 40
    lstJobItems.Add(j)
    Dimipay As String
    wkdWithRaise = wkPayHr = wkHrs = InputBox("Enter Pay/Hour", "Pay/Hour")
    wkHrs = InputBox("Enter Hours Worked", "Hours", 0, 0, 0)
    wkPay = wkPayHr * wkHrs
    txtPay.Text = wkPay
    End Sub

Private Sub btnOtherThings_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnOtherThings.Click
    txtCt.Text = lstJobItems.Count
    Dim j As New Job
    j.Key In New Job, "Job", 40, 40
    lstJobItems.Add(j)
    Dimipay As String
    Dimipay = InputBox("Key in new job", "Job", 40, 40)
    lstJobItems.Add(Dimipay)
    txtAddedJob.Text = lstJobItems(lstJobItems.Count - 1)
    txtNewCT.Text = lstJobItems.Count
    End Sub

Private Sub btnAddJob_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnAddJob.Click
    Dim wkdNewJob As String
    wkdNewJob = InputBox("key in new job", "Job", 40, 40)
    lstJobItems.Add(wkdNewJob)
    txtAddedJob.Text = lstJobItems(lstJobItems.Count - 1)
    txtNewCT.Text = lstJobItems.Count
    End Sub
Public Class useBoxes
    Dim wkPay As Double

    Private Sub btnCalcPay_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
        Dim wkPayHr As Single
        Dim wkHrs As Single
        wkPayHr = InputBox("Enter Pay/Hour", "Pay/Hour")
        wkHrs = InputBox("Enter Hours Worked", "Hours", 0, 20, 20)
        wkPay = wkPayHr * wkHrs
        txtPay.text = wkPay
    End Sub

    Private Sub btnCalcRaise_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
        Dim wkWithRaise As Double
        If lstJob.SelectedIndex = 0 Or lstJob.SelectedIndex = 2 Then
            wkWithRaise = wkPay * 1.05
        Else
            If lstJob.SelectedIndex = 1 Or lstJob.SelectedIndex = 3 Then
                wkWithRaise = wkPay * 1.06
            End If
        End If
        txtWithRaise.Text = wkWithRaise
        txtJob.Text = lstJob.Items(lstJob.SelectedIndex)
    End Sub

    Private Sub btnOtherThings_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
        txtCt.Text = lstJob.Items.Count
        txtSnd.Text = lstJob.Items(1)
    End Sub

    Private Sub btnAddJob_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
        Dim wkNewJob As String
        wkNewJob = InputBox("Key in new job", "Job", , 40, 40)
        lstJob.Items.Add(wkNewJob)
        txtAddedJob.Text = lstJob.Items(lstJob.Items.Count - 1)
        txtNewCt.Text = lstJob.Items.Count
    End Sub
End Class
Public Class useBoxes
    Dim wkPay AS Double
    Private Sub btnCalcPay_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
        Dim wkPayhr AS Single
        Dim wkHrs As Single
        wkPayhr = InputBox("Enter Pay/Hour", "Pay/Hour")
        wkHrs = InputBox("Enter Hours Worked", "Hours", 0, 20, 20)
        wkPay = wkPayhr * wkHrs
        txtPay.text = wkPay
    End Sub

    Private Sub btnCalcRaise_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
        Dim wkwdthRaise AS Double
        If lstJob.SelectedIndex = 0 Or lstJob.SelectedIndex = 2 Then
            wkwdthRaise = wkPay * 1.05
        Else
            If lstJob.SelectedIndex = 1 Or lstJob.SelectedIndex = 3 Then
                wkwdthRaise = wkPay * 1.06
            End If
        End If
        txtwdthRaise.Text = wkwdthRaise
        txtJob.Text = lstJob.Items(lstJob.SelectedIndex)
    End Sub

    Private Sub btnotherthings_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
        txtCt.Text = lstJob.Items.Count
        txtSnd.Text = lstJob.Items(1)
    End Sub

    Private Sub btnAddJob_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
        Dim wkNewJob AS String
        wkNewJob = InputBox("Key in new job", "Job", , 40, 40)
        lstJob.Items.Add(wkNewJob)
        txtNewCt.Text = lstJob.Items.Count
    End Sub

End Class