Standard Deviation Source Code

```
 Dim arrX(10) As Integer
    Dim sngMean, sngStDev As Single
    Dim counter As Integer = 0


    Private Sub btnSave_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnSave.Click
        arrX(counter) = Val(txtNum.Text)
        sngMean = sngMean + arrX(counter)
        counter = counter + 1
        txtNum.ResetText()
        txtNum.Focus()
    End Sub

    Private Sub btnCal_Mean_StDev_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnCal_Mean_StDev.Click
        sngMean = sngMean / counter
        lblMean.Text = FormatNumber(sngMean, 2)

        For a = 0 To counter - 1
            sngStDev = sngStDev + ((arrX(a) - sngMean) ^ 2)
        Next
        sngStDev = Math.Sqrt(sngStDev / counter)
        lblStDev.Text = FormatNumber(sngStDev, 2)
    End Sub
```