'Chino Montano

'11/14/14

'MusicStore excercise for the Test

Public Class frmMusicStore

'This functions takes three parameters:

'each parameter gets the number of cds the user wants

Function TotCost(ByVal intNew As Integer, ByVal intUsed As Integer, ByVal intOne As Integer) As Double

Const dblNewCD As Double = 14.99 'cost of a new cd

Const dblUsedCD As Double = 8.99 'cost of a used cd

Const dblOneSongCD As Double = 2.99 'cost of one song cd

Dim dblNewTot As Double = dblNewCD \* intNew 'the cost of new cd times how many cds the user wants

Dim dblUsedTot As Double = dblUsedCD \* intUsed 'the cost of used cd times how many cds the user wants

Dim dblOneTot As Double = dblOneSongCD \* intOne 'the cost of one song cd times how many cds the user wants

Dim dblTotal 'stores the total

dblTotal = dblNewTot + dblUsedTot + dblOneTot 'adds everything up to give the total

Return dblTotal

End Function

Private Sub btnCalculate\_Click(ByVal sender As Object, ByVal e As System.EventArgs) Handles btnCalculate.Click

Dim intNew As Integer

Dim intUsed As Integer

Dim intOne As Integer

Dim dblTotal As Double

lblAnswer.Text = Nothing

Try

intNew = Convert.ToInt32(txtNewCD.Text)

intUsed = Convert.ToInt32(txtUsedCD.Text)

intOne = Convert.ToInt32(txtSong1CD.Text)

If intNew < 0 Or intUsed < 0 Or intOne < 0 Then

MessageBox.Show("You cannot buy negative number of CDs")

ElseIf intNew = 0 And intUsed = 0 And intOne = 0 Then

MessageBox.Show("Come on now! Buy atleast one")

Else

dblTotal = TotCost(intNew, intUsed, intOne)

lblAnswer.Text = "You would like to purchase: " & vbCrLf & intNew & " new cd/s" & vbCrLf & intUsed & " used cd/s" & vbCrLf & intOne & " single song cd/s" & vbCrLf & "Total cost before tax: " & dblTotal.ToString("$##.00")

End If

Catch ex As Exception

MessageBox.Show("Please enter integer numbers only and make sure you have atleast put 0 if you don't want to purchase a CD")

End Try

End Sub

Private Sub txtNewCD\_GotFocus(ByVal sender As Object, ByVal e As System.EventArgs) Handles txtNewCD.GotFocus

txtNewCD.Text = Nothing

End Sub

Private Sub txtUsedCD\_GotFocus(ByVal sender As Object, ByVal e As System.EventArgs) Handles txtUsedCD.GotFocus

txtUsedCD.Text = Nothing

End Sub

Private Sub txtSong1CD\_GotFocus(ByVal sender As Object, ByVal e As System.EventArgs) Handles txtSong1CD.GotFocus

txtSong1CD.Text = Nothing

End Sub

End Class