**Taking the next step**

http://cb-ot-devst05.ad.wsu.edu/featherman/NewFor2018/Multiple\_Itemson\_Invoice.aspx

****Partial Class NewFor2018\_Multiple\_Itemson\_Invoice

 Inherits System.Web.UI.Page

 'this program is an upgrade from the first HW assignment where only one product could be purchased these global variable are to store totals for one transaction only. This program does not keep daily totals.

 Public Shared gdecTotalBooks, gdecTotalMags, gdecTotalToys, gdecInvoiceTotal As Decimal

 Protected Sub Button1\_Click(sender As Object, e As EventArgs) Handles btnSave.Click

 'this procedure enters only the first item of the transaction. first we zero out all the variables

 gdecInvoiceTotal = 0
 gdecTotalBooks = 0
 gdecTotalMags = 0
 gdecTotalToys = 0

 'error checking is needed

 If txtPrice.Text = Nothing OrElse txtQuantity.Text = Nothing OrElse RadioButtonList1.SelectedIndex = -1 Then

 Exit Sub

 End If

 'calculate the current line item

 gdecInvoiceTotal = Convert.ToDecimal(txtQuantity.Text) \* Convert.ToDecimal(txtPrice.Text)

 'increment the running total for only the selected product category

 Select Case RadioButtonList1.SelectedItem.Text

 Case "Books"
 gdecTotalBooks += Convert.ToDecimal(txtQuantity.Text)

 Case "Magazines"
 gdecTotalMags += Convert.ToDecimal(txtQuantity.Text)

 Case "Toys"
 gdecTotalToys += Convert.ToDecimal(txtQuantity.Text)

 End Select

 'clear out the data entry controls to speed up the entry of additional items

 txtPrice.Text = Nothing

 txtQuantity.Text = Nothing

 RadioButtonList1.SelectedIndex = -1

 'give a prompt to the program user telling them their options

 txtOutput.Text = "enter another item and press Add Item button, or checkout if done"

 'this procedure enters only the first item of the transaction, so we hide this button 'after the procedure. Now show the right buttons for the next step in the transaction.

 btnSave.Visible = False
 btnAddItem.Visible = True
 btnCheckout.Visible = True

 End Sub

 Protected Sub btnAddItem\_Click(sender As Object, e As EventArgs) Handles btnAddItem.Click

 'if the program user wants to buy another item, this procedure adds new items to the totals we need to make sure the first button is hidden and not used by accident. We can't use the first procedure again, because that zero's out all the variables.

 btnSave.Visible = False 'error checking is needed

 If txtPrice.Text = Nothing OrElse txtQuantity.Text = Nothing OrElse RadioButtonList1.SelectedIndex = -1 Then

 Exit Sub

 End If

 'add the price of the new line item to the total, then increment the quantity for only the correct category

 gdecInvoiceTotal += (Convert.ToDecimal(txtQuantity.Text) \* Convert.ToDecimal(txtPrice.Text))

 Select Case RadioButtonList1.SelectedItem.Text

 Case "Books"
 gdecTotalBooks += Convert.ToDecimal(txtQuantity.Text)

 Case "Magazines"
 gdecTotalMags += Convert.ToDecimal(txtQuantity.Text)

 Case "Toys"
 gdecTotalToys += Convert.ToDecimal(txtQuantity.Text)

 End Select

 'clear out the data entry controls to speed up further data entry

 txtPrice.Text = Nothing
 txtQuantity.Text = Nothing
 RadioButtonList1.SelectedIndex = -1

 End Sub

 Protected Sub btnCheckout\_Click(sender As Object, e As EventArgs) Handles btnCheckout.Click

 'ok checkout - calculate the tax and show the totals

 gdecInvoiceTotal \*= 1.06

 txtOutput.Text = "Total with tax: " & gdecInvoiceTotal.ToString("C2") & vbNewLine & vbNewLine

 txtOutput.Text &= "Books: " & vbTab & vbTab & gdecTotalBooks & vbNewLine & "Magazines: "
 & vbTab & gdecTotalMags & vbNewLine & "Toys: " & vbTab & vbTab & gdecTotalToys

 btnSave.Visible = True

 End Sub

Protected Sub btnClear\_Click(sender As Object, e As EventArgs) Handles btnClear.Click

 'set the buttons on the form to only show the useful buttons and hide the buttons that should not be used yet

 btnAddItem.Visible = False

 btnCheckout.Visible = False

 btnSave.Visible = True

 'clear the data entry controls

 txtPrice.Text = Nothing
 txtQuantity.Text = Nothing
 txtOutput.Text = Nothing

 RadioButtonList1.SelectedIndex = -1

 'zero out all the variable to get ready for the next customer.

 gdecInvoiceTotal = 0

 gdecTotalBooks = 0

 gdecTotalMags = 0

 gdecTotalToys = 0

 End Sub

End Class