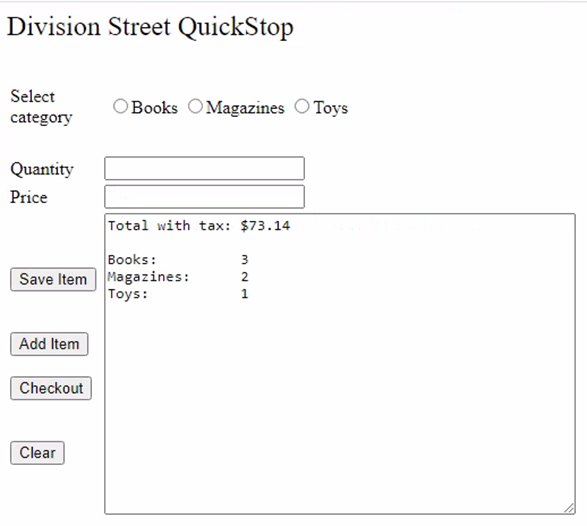
**Taking the next step**

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