Lab 12: C# Pizza Order Form

In this lab, you will use C# to create a basic web page that will allow a user to order pizzas. This web page will have radio buttons to allow the customer to specify the size of the pizza and a list of checkboxes for them to add toppings. After the user has made their selections, they can push a button to calculate the total amount of the pizza.

Note – All of this will be done in the web page and does not require access to a database or actual payment.

# Detailed Steps

1. Create a new web site in C#.
   1. File 🡪 New Project…
   2. Choose Visual C# 🡪 Web 🡪 Previous Version.
   3. Choose ASP.net Empty WebSite. Verify that C# is the language. Title this Lab12 or pizzalab.
   4. Next add the default web page. File 🡪 New File… Choose Web Form. Add a default.aspx web page.
2. Add the Pizza Company graphic. Use the image control. Set the ImageURL to some pizza image. Hint – Go to your favorite pizza company, find an image you like, right click on the image, view the properties. Copy and paste the URL.
3. Add a **radio button list** to allow the user to select the size of the pizza
   * Personal - $7.50
   * Medium - $12.00
   * Large - $15.00
   * Jumbo - $18.00
4. Add a **check box list** for types of toppings. The user will then be able to select multiple toppings. For each topping chosen, specify the corresponding cost value for the topping.
5. Drag a text box that shows the subtotal. Set to Display Only.
6. Drag a text box for the tax amount (= 8.75%). Set to Display Only.
7. Drag a text box with the total amount for the order. Set to Display Only.
8. A push button that will calculate the order amounts. The code to calculate the total price will be located in the push button method (see hints below).
   1. The subtotal = pizza price + sum of the toppings.
   2. The tax = subtotal \* .0875.
   3. The Total = subtotal + tax.

# Coding Hints

**All of the code** should be placed in the Button\_Click method/function.  
To get the value of the pizza price select radion button use –

double pizzaPrice = double.Parse(RadioButtonList1.SelectedValue.ToString());

To find out how many topping items are checked use –

maxtop = CheckBoxList1.Items.Count;

Sample loop for adding up the toppings:

        for (int i=0; i< maxtop; i++)  
        {  
            if (CheckBoxList1.Items[i].Selected)  
                toppings += double.Parse(CheckBoxList1.Items[i].Value);  
        }

To calculate the values for text boxes:

double subTotal = pizzaPrice + toppings;

double tax = subTotal \* .0875;

double total = subTotal + tax;

Code to display a text box (note that you need to convert the float variable total to a string):  
     TotalTextBox.Text = total.ToString(); // take a look in ppt for ways to format the output in currency with ToString()

# Submission

Upload your default.aspx AND the default.aspx.cs page to Canvas. This is located in the websites folder (not the projects folder).