

## ASP

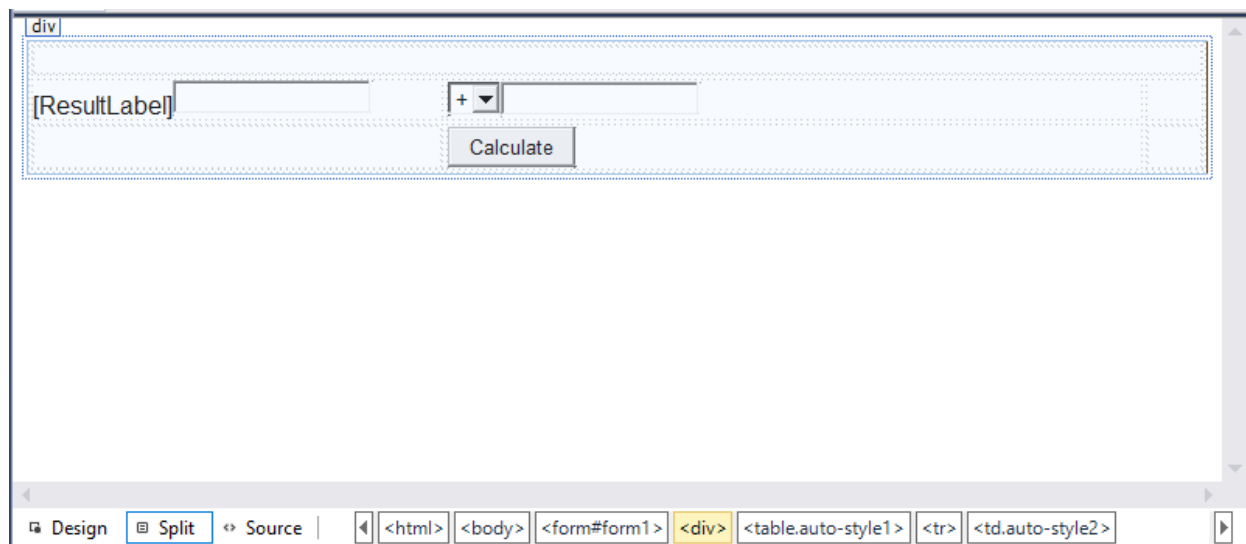
### HW #11

# Creating a Simple Web-based Calculator

1. Open your website ([Yourname\\_Website](#)) in Visual Studio.
2. In the "Demos" folder in the Solution Explorer, create a new Web Form called "[CalculatorDemo.aspx](#)". Choose C# language and make sure the Web Form uses Code Behind.
3. Switch the page to Design View, and click in the dashed rectangle to put the focus on it. Choose **Table** ➞ **Insert** Table from the main menu and add a table with three rows and three columns.
4. Merge all three cells of the first row by selecting them with the mouse (either by dragging the mouse or by clicking each cell while holding down the Ctrl key), right-clicking the selection, and choosing **Modify** ➞ **Merge Cells** from the menu that appears.

5.Add the following controls to the page, set their ID and other properties as in the following table,and arrange the controls as shown in following figure:

Control Type	Control ID	Property Settings
Label	ResultLabel	Clear its Text property.
TextBox	ValueBox1	
DropDownList	OperatorList	<p>Add four list items for the following arithmetic operators using the Edit Items option on the DropDownList's Smart Tasks panel:</p> <p>+</p> <p>-</p> <p>*</p> <p>/</p>
TextBox	ValueBox2	
Button	CalculateButton	Set the Text property of the button to Calculate.



6. Double-click the Calculate button and write the code to perform four arithmetic operation ( + - \* / ).
7. Save all changes and press Ctrl+F5 to open the page in the browser. .
8. Enter a number in the first and second text boxes, choose an operator from the drop-down list, and click the Calculate button. The code in the Code Behind fires and then — based on the item you selected in the drop-down list — the correct calculation is performed and the label is updated with the result.

Example:

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6	<input type="text" value="1"/>	<div>+ ▼</div>	<input type="text" value="5"/>
<div>Calculate</div>			