In this homework, you will write a web application in ASP.NET using C# that works as a simple calculator. As an example you may use the Calculator program that comes with Windows. To implement this program several ASP.NET controls like Panel, Button, Textbox and HTML table controls will be used. To do the calculations System.Math and System.String classes will also be used.

An example user interface (feel free to use your own colors and styles) is shown below:

![Calculator Interface](image)

The user enters the buttons to input numbers and operators. The user hits the C button to clear the input textbox and the Backspace button to delete one digit from the input. The other buttons are obvious: digits are to enter numbers and operator buttons are there to enter operations.

Note that the operators like sqrt, 1/x and +/- immediately calculate the result and display it in the textbox. The other operators like +, -, /, *, % can keep calculating continuously one after another and has an effect of = operator while the textbox shows the result so far.
Design Hints
You may use a Panel control to border your calculator area. You may use an HTML table control for the blue buttons.

You will need to keep the intermediate result and the previous operator and perhaps more in a non-visible control like Label so it will be posted to the server as the user hits other buttons.

Sample Runs

sqrt button is hit. +/- is hit.

+ is hit 2 and 1 are hit * is hit
2, 3, and 4 are hit

= is hit