

### Homework 3:

This is a very simple assignment to simply get you acquainted with publishing a webpage and getting basic JavaScript to work. Homework 4, to come, will be more involved.

In this assignment, you must build a live webpage that:

- Greets the user with an alert box when the page is loaded
- and processes their submissions from text fields when a button is clicked.

The implementation requirements are that you:

- Utilize at least one control flow structure (if, for, while, or do)
- Include at least two text fields
- Define the window.onload function
- Write at least one function external to the window.onload

Example screenshots are on the next page. On CCLE, you should submit *2-3 screenshots of the functioning program*, your *HTML source file*, along with a *text document stating the URL of your live webpage* that matches the pictures submitted.

You will be graded as follows:

- Webpage is live and can be accessed (2 points if yes; otherwise 0)
- Webpage alert box functions (2 points if yes; otherwise 0)
- Webpage responds to user input (2 points if yes; otherwise 0)
- One or more control flow structures used (1 point if yes; otherwise 0)
- Two text fields used (1 point if yes; otherwise 0)
- window.onload defined (1 point if yes; otherwise 0)
- One other function written (1 point if yes; otherwise 0)
- Code organization, commenting, and tidiness (0, 1, or 2 points possible)

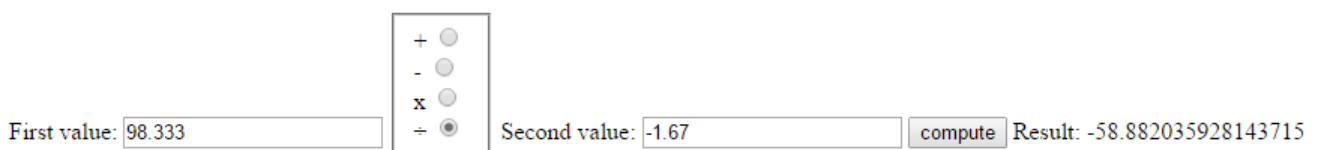
This assignment is due Tuesday, May 3, by 11 pm.

### Simple Calculator



The screenshot shows a webpage titled "Simple Calculator". It has two text input fields labeled "First value:" and "Second value:". Between them is a vertical button bar with four buttons: "+", "-", "x", and "÷". A modal dialog box is open on the right, titled "This page says:", with the text "welcome to the JavaScript calculator" and a checkbox labeled "Prevent this page from creating additional dialogs." with an "OK" button.

### Simple Calculator



The screenshot shows the same "Simple Calculator" webpage. The "First value:" field now contains "98.333" and the "Second value:" field contains "-1.67". The button bar is still present. A "compute" button is now visible to the right of the "Second value:" field. To the right of the "compute" button, the text "Result: -58.882035928143715" is displayed.