

## CSC 110 — Exam 2 Prep

Name: \_\_\_\_\_ Date: \_\_\_\_\_

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1. Create a form that prompts for two pieces of information using two text boxes. This is the input part of the form. Additionally, this form should include a button and a read-only textbox for output. Give the HTML for the form below. (only the form)

For example:



The image shows a visual representation of a form. It consists of two rectangular input boxes, followed by a plus sign (+), a small square button containing an equals sign (=), and a final rectangular read-only output box.

2. Write a function that will add the two input values together and put the sum into the read-only textbox. The button **onclick** handler should call this function. Please copy the function and the **onclick** attribute below.
3. What will happen if input is not numeric?
4. Briefly describe how you could address (fix / handle) this kind of input error.
5. Write a function that will concatenate the two input values together and put the result into the read-only textbox. Update the **onclick** handler to call this function. Please copy the function and the updated **onclick** handler below.

6. What will the following code do? (You will write the function **countUp** in the next question.)

```
var x = window.prompt("Enter a small positive integer", "");  
countUp(x);
```

7. Write the function `countUp`, so that it counts from 1 to the number given. (Assume the user really typed a small, positive integer value.)

8. Rewrite the function to handle errors in the input:

[extra credit] Check to make sure that the parameter value is numeric. If it isn't, write "non-numeric input" instead of counting.

[extra credit] Make sure that the input value is small and positive, say no greater than 25.

[extra credit] Write this version of the function using the other kind of loop. (If question 7 used the **for** loop, use the **while** loop for question 8, or vice versa.)