

## CSIS 1280 Lab 7

Please complete the tasks described below.

- Please follow the good programming practice and proper indentation as mentioned in the class
- Show your finished work to the instructor or the lab assistant before you leave the classroom.
- Save your completed work in your personal drive. You may need the lab for further exercises/assignments.

Required output (the borders are not required):

Before any button was clicked	After the addition button was clicked
<p><b>Lab 7: JavaScript Arithmetic Operator</b></p> <div><p>My calculator</p><div></div></div> <div><p>Input</p><p>Operands: <input type="text"/> <input type="text"/></p><p>Operator: <input type="button" value="+"/> <input type="button" value="×"/> <input type="button" value="÷"/> <input type="button" value="clear"/></p></div>	<p><b>Lab 7: JavaScript Arithmetic Operator</b></p> <div><p>My calculator</p><div>3 + 2 = 5</div></div> <div><p>Input</p><p>Operands: <input type="text" value="3"/> <input type="text" value="2"/></p><p>Operator: <input type="button" value="+"/> <input type="button" value="×"/> <input type="button" value="÷"/> <input type="button" value="clear"/></p></div>

Requirements:

1. Create a lastName\_STUDENT-ID\_lab7.html and put a basic structure where the body contain header, section and footer. The form is implemented within the section.
2. You can use any color scheme, but please choose the color nicely. Do not hurt the viewers' eyes 😊  
Note: the color used to generate the form in the picture were **lightsteelblue** and **slategray**
3. Please set all your css style declarations in a separate file that is stored in a css folder.
4. Please use the **get** method in your form. The action attribute should be left empty.
5. Use appropriate padding and/or margin in each element
6. The form contains two fieldsets as shown above. The first fieldset contains a textarea. The second fieldset contains text controls and buttons. The clear button is the reset button. You can use the special character **&times;** to display the multiplication symbol.
7. Please utilize the appropriate attributes (such as name, id, placeholder, value, required, etc) for the form and its elements.
8. Create a JavaScript function and its corresponding event handler for each of the addition, multiplication and division buttons.
9. Make sure that the values from the textbox are parsed into integer or float whenever necessary.
10. If the user clicks any of the operator buttons, you need to display the operands, operator and output in the textarea as you can see in the picture on the right. The same output should also be printed at the console.

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