Lab 4_2 [18 points] JavaScript Event Handling

Objectives

- Practice event handling in JavaScript
- Create and use JavaScript functions
- Explore string related methods
- Explore Math functions
- Practice debugging and error correction

What to do

Please follow the steps to complete debugging and function creation tasks
1. Download and extract lab4_2_1.html, lab4_2_1.js, lab4_2_2.html, and lab4_2_2.js files. The html webpages are simple webpages that show a simple string converter and a simple calculator.

2. [8 points] Complete the JavaScript code in lab4_2_1.js to achieve four tasks:
   a. Convert the input from the text box to all upper case. Hint: Explore and use toUpperCase() method. The sample run looks like

   b. Convert the input from the text box to all lower case. Hint: Explore and use toLowerCase() method. The sample run looks like

   c. Obtain the last character of the string from the text box. Hint: Explore and use slice() method. The sample run looks like

   d. Remove all the blank space in the string from the text box. Hint: Explore and use replaceAll() method. The sample run looks like

3. [10 points] Complete the JavaScript code in lab4_2_2.js to achieve four tasks:

a. Add two numbers. The sample run looks like

b. Subtract two numbers. The sample run looks like

c. Multiply two numbers. The sample run looks like

d. Divide two numbers. The sample run looks like

e. Calculate the exponent. The sample run looks like

Submission:

Zip the HTML and JavaScript files and submit to Brightspace.