Lab 5 Instructions – Arrays and Loops
CS 133JS, Beginning Programming: JavaScript

Overview

The objective of this lab is to give you practice:

- Creating an array
- Adding values to an array
- Getting values from an array
- Calling array methods to do special operations on the array

Part 1: Chamberlain Civic Center Monthly Calendar

Do the first two sections of tutorial 12, Sessions 12.1 and 12.2 on pages 804 through 835 of your textbook.

Part 2: Assignment Group C – Find Highest and Lowest Number

Make a web page that has an input text box where a user can enter numbers one at a time. When the user clicks a button titled "Enter", the number will be put into an array. There will also be a "Min / Max" button. When the user clicks that button, the highest and lowest numbers in the array will be displayed.

Implementation notes:

- Use a form with an input element and a button to get the user's input.
- Use a second input element and button to display the average.
- Use a loop to calculate the average.

Submitting your lab work

1. Beta Version and Code Review
   a. Zip the entire tutorial.12/tutorial folder (with just the code you completed for the first two sections of tutorial 12).
   b. Post the zip file above and your completed web page from part 2 in the *Lab 5 Beta + Discussion* forum so a lab partner can review it for you.
   c. Review one of your lab partners' lab assignments using the Code Review Form provided and post the review in the *Lab 5 Beta + Discussion* forum.
   d. Submit a copy of the code review above to the *Lab 5 Code Review* assignment.

2. Production Version
   a. Based on the review and helpful advice from your lab partners, you may revise your code. On the code review you got from your lab partner, fill out the "Production" column to show what you revised.
   b. Submit the following to the *Lab 3 Production* assignment:
      i. Your zipped tutorial folder from Part 1
      ii. Your web page from part 2
      iii. The code review from your lab partner (after you have completed the "Production" column)

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