CST8209 – Lab 4 – Functions

Objective

In this lab you will learn how to use JavaScript functions.

Requirements

1. For this Lab you will be working with the files you created in Lab 3
2. Make a copy of your Lab3 folder and rename it to Lab4
3. Open the Lab4 folder as a project in your editor.

Section A – Create the Functions

Edit while.js

1. Select the while.js file so it is visible in the edit pane
2. Create a function named getNumber using the code from while.js
3. Add a statement to invoke the getNumber function
4. Save the file

Edit dowhile.js

1. Select the dowhile.js file so it is visible in the edit pane
2. Create a function named guessTheNumber using the code from dowhile.js
3. Add a statement to invoke the guessTheNumber function
4. Save the file

Edit for.js

1. Select the for.js file so it is visible in the edit pane
2. Create a function named setForLoopValues using the code from for.js
3. Add a statement to invoke the setForLoopValues function
4. Save the file

Section B – Update the .html

Edit the .html Files

Edit while.html, dowhile.html and for.html by changing the content of the <title> tag to something meaningful. Example: Lab 4 – Working with Functions <yourName>

Test

1. Run each of the .html files in a web browser.

2. Compare the Lab 4 page behavior to the Lab 3 page behavior.
3. Is the page behaving as expected?

Submit

1. Save all your work.
2. Compress the Lab4 folder, renaming it to Lab4_first_last_student#.zip
3. Example Lab4S_Sanaa_Issa_040999888.zip
4. Upload the zipped file to the Lab4 Assignment on BrightSpace

Marking Scheme Rubric

This lab has a maximum mark of 3, awarded according to the following rubric.

Criteria	Mark
Superior capability. Lab submitted meets or exceeds expected standards	3
Satisfactory capability, acceptable product/result	2
Marginal capability, substandard product/result	1
No capability, unacceptable product/result. Work not submitted	0

Note that 40% of your final grade comes from the grades you obtained from your labs and assignments.

Last Updated - September 2020