Full Name: Isabella DeLuca
Course: CSC 106

Week 4 Assignment: Functions

Make sure you've completed all the weekly material in the Week 3 To-do list on Brightspace before starting the assignment. If you cannot edit this worksheet make a copy in your own Google Drive, by clicking *File > Make a Copy*.

Part 1: Readings & Exercises

There are points on the assignment for completing the following exercises. These will be checked by the TA, there is no need to submit anything in this document.
- Brown Bear Eyes
- Say Your Name
- Moles Challenge
- Calculator Challenge

Part 2: Functions Conceptual Knowledge

Question 1: In your own words, describe what a **function** is:

A function is basically a piece of your code, but labeled. This makes it more organized, and easier to call the code.

Question 2: How do **parameters** work in Javascript functions?

They are basically variables listed as the functions directions. They are placehokders for when they are called.

Question 3: What is a **return value**? What happens to this value after it is returned?

A return value is the final value you need to call from the function. When return is called the answer to the function is immediately displayed. Any code after the return will not count.

Question 4: Define the term **local variable**

Local variables are used to store temporary values and it is only relevant to that function.

Question 5: Define the term **global variable**

It is a variable that is defined outside of the function. It can be used anywhere in the code and work correctly.

Part 3: Programming Implementation

Follow the directions [on this page](#), and provide the corresponding links in the boxes below:

Question 6: Paste the URL to your dancing functions program in the box below:

https://code-lab.app/program/ff19c457-d9eb-4baf-9330-8dd515936d72

Question 7: Paste the URL to your racing functions program in the box below:

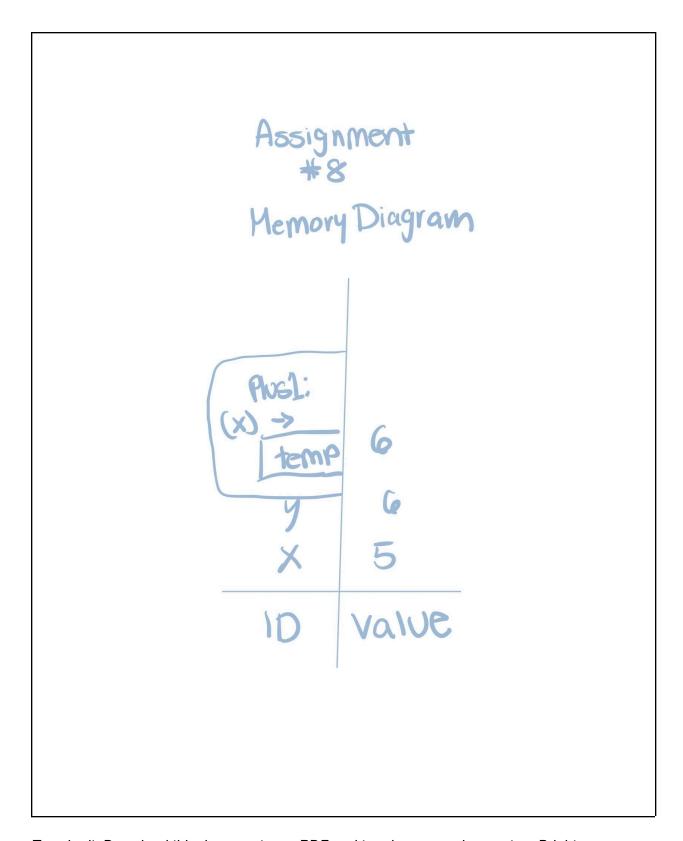https://code-lab.app/program/a14a72b3-1657-47f8-bc56-009aa70e62aa

Question 8: Paste the URL to your resize program in the box below:

https://code-lab.app/program/cf18dbc0-44cd-4e36-9db1-abdfca3292d6

Question 9: Paste the URL to your portfolio website in the box below:

https://bellad414.github.io

Question 10: Paste an image or screenshot of your memory diagram in the box below:

Assignment #8

Memory Diagram

Plus1:
(x) →
| temp

y

x

ID	value
temp	6
y	6
x	5

To submit: Download this document as a PDF and turn in your assignment on Brightspace.