Lab: Introduction to Java Script

// Line comments start with two forward slashes. Like this line.

/\* Multi line comments start with a forward slash and a star,

and end with a star and a forward slash. \*/

// Variables are used to store objects, and are defined using the keyword var.

var the\_answer = 42;

var earth = 2;

//print(the\_answer, earth);

// String objects start and end with a single quote.

var my\_variable = 'I am a string';

print(my\_variable);

// String objects can also start and end with double quotes.

// But don't mix and match them.

var my\_other\_variable = "I am also a string";

print(my\_other\_variable);

// Parentheses are used to pass parameters to functions.

print('This string will print in the Console tab.');

// Square brackets are used for selecting items within a list.

// The zero index refers to the first item in the list.

var my\_list = ['eggplant', 'apple', 'wheat'];

print(my\_list[0]);

print(my\_list);

// Curly brackets (or braces) can be used to define dictionaries (key:value pairs)

var my\_dict = {'food':'bread', 'color':'red', 'number':42};

// Square brackets can be used to access dictionary items by key.

print(my\_dict['color']);

// Or you can use the dot notation to get the same result.

print(my\_dict.color);

print(my\_dict.number, my\_dict.color);

// Functions can be defined as a way to reuse code and make it easier to read

var my\_hello\_function = function(string) {

return 'Hello ' + string + '!';

};

print(my\_hello\_function('world'));