2.1 JavaScript: Basics Lab

**PART 1**

What are the data types of the following?

1. var foo = “bar”; string
2. var bar = 231; number
3. var boo = false; boolean
4. var aoo = “true”; string
5. var oar = “5321.31”; string
6. var hoo; Undefined
7. var tree = {family:“evergreen”, name:“pine”}; Null

**PART 2**

Which of the following is not valid?

1. var x = 3, y = 4, z = “there”, a = “true”;
2. var w = “number:” + 7
3. var okay;  
   Okay = 5; C, case sensitivity

**PART 3**

Create a function that takes in a number (called num) and string (called noun). Then returns the square of the number concatenated with the string. Ex: calling my\_func(4, “hi”) returns *16 hi*

function squareString(num, noun) {

var solution = num\*\*2 + " " + noun

return solution

}

squareString(4, "hi")

**PART 4**

Go through the function. What will text contain?

var mylist = [1, “David”, “Julia”, 21, “Gina”, 932, 53, 0, “Sean”]

var text = “”;

var x;

for (x in mylist) {

if (x === “David”) { continue; }

if (x === 53) {break;}

text += x + “,”;

}

1, Julia, 21, Gina, 932,