2.1 JavaScript: Basics Lab

**PART 1**

What are the data types of the following?

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

**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;

**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*

**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 + “,”;

}