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”}; **object**

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;**

Create a function that takes in a number (called num) and string (called noun). Then returns the square of the number, a space, and then the string.

**function myFunction(num, noun) {**

**var sq = num \* num;**

**var line = sq + “ ” + noun;**

**return line;**

**}**

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 + “,”;

}

**text = “1,Julia,21,Gina,932”**