

Name \_\_\_\_\_ Period \_\_\_\_\_

**Skill 27.1 Exercise 1**

- (a) Create a String variable “s2” and initialize it to “The population of Boise is ”.
- (b) Create another variable called “people” and initialize it to 250000.
- (c) Concatenate these variables into a String called report.
- (d) Print report. The printout should yield, The population of Boise is 250000

**Skill 27.2 Exercise 1**

Declare and initialize a variable “p” to “Groovy Dude”.  
Declare and initialize a variable “n” to the number characters in “p”

**Skill 27.3 Exercise 1**

You need to write a program that generates usernames for students at Timberline. The usernames will use the following convention: FirstInitial + LastName. You are provided the first name and last name of a student as shown below,

```
var firstName = “Lady”;  
var lastName = “Gaga”;
```

Write a function called *makeUsername* that could be used to create a username. The function you write should include two parameters, one for the first name and one for the last name. In the body of the function compose the username and return the result.

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**Skill 27.4 Exercise 1**

In the previous example you wrote code a function to create a username. Indicate how you would call the function you composed above. Provide two examples that use different arguments. Store each call in a different variable and convert the result to lower case.

**Skill 27.4 Exercise 2**

In addition to usernames, the students also need passwords. The default passwords must use the following convention: first letter first name + first letter lastname + 6 digit birthdate (EX: LG032886)

Consider the following student information,

Lady Gaga  
03/28/1986

In the space below, write a function called *makePassword*. The password should include 3 parameters. One for the first name, another for the last name, and a third for the birthday. In the body of the function, compose the password and return the result in all upper case.

Indicate how you would call the function you composed above. Provide two examples that use different arguments.

Indicate the output for each call above.

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**Skill 27.5 Exercise 1**

(a) Write code that will produce the following printout using only a single `console.log` statement,

```
One
Two
Three
```

(b) Write code that will print the following to the console.

```
"Woo Hoo!"
```

Note, the quotes must display when printed.

**Skill 27.6 Exercise 1**

Write a function that accepts a five-letter word as an argument. In the body of the function, write code that will reverse the word and return the final value in all lower case.

Indicate how you would call the function you composed above. Provide two examples that use different arguments.

**Skill 27.7 Exercise 1**

Refer to the code below to answer the following

```
var s = "\t\tLucky hocky puck\t\t";
var j = 6, z = 99;
```

```
var str = s.trim();
console.log("++str++");
```