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| **Skill 2.1 Exercise 1** |
| (a) Write a driver class called “StringOperations”.  (b) Create a String variable “s2” and initialize it to “The population of Boise is ”.  (c) Create an int variable called “people” and initialize it to 250000.  (d) Concatenate these variables into a String called report.  (e) Print report. The printout should yield, The population of Boise is 220000. |
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| **Skill 2.2 Exercise 1** |
| Declare and initialize a variable “p” to “Groovy Dude”.  Declare and initialize a variable “n” to the number characters in “p” |
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| **Skill 2.3 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,  String firstName = “Lady”;  String lastName = “Gaga”;  Write code that could be used to create a user name. Assign the username to a new variable called “username”. |

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| **Skill 2.4 Exercise 1** |
| In the previous example you wrote code to create a username for a student. The usernames must contain only lowercase letters. Create a new String variable called usernameLower, then assign the reformatted username |
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| **Skill 2.4 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  Write code that could be used to create a password. Assign the password to a new variable called “password”. |
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| **Skill 2.5 Exercise 1** |
| (a) Write code that will produce the following printout using only a single println(),  One  Two  Three |
| (b) Write code that will print the following to the console.  “Woo Hoo!”  Note, the quotes must display when printed. |