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**Exercise on Lesson 3**

1. Write code in which a *String* variable *s* contains “The number of rabbits is”. An integer variable *argh* has a value of 129. Concatenate these variables into a *String* called *report*. Then print *report*. The printout should yield:

The number of rabbits is 129.

Note that we want a period to print after the 9.

**String s = “The number of rabbits is”;**

**int argh = 129;**

**String report = s + “ ” + argh + “.”;**

**System.out.println( report );**

1. What is the output of *System.out.pirntln( p.toUpperCase( ) );* if p = “Groovy Dude”?

**GROOVY DUDE**

1. Write code that will assign the value of “Computer Science is for nerds” to the *String* variable *g*. Then have it print this *String* with nothing but “small” letters.

**String g = “Computer Science is for nerds”;**

**System.out.println( g.toLowerCase( ) );**

1. What will be the value of *c*?

String c;

String m = “The Gettysburg Address”;

c = m.substring(4);

**“Gettysburg Address”**

1. What will be the value of *c*?

String b = “Four score and seven years ago,”;

String c = b.substring(7, 12);

**“ore a”**

1. What is the value of count?

int count;

String s = “Surface tension”;

count = s.length( );

**15**

1. Write code that will look at the number of characters in *String m = “Look here!”;* and then print

“Look here!” has 10 characters.

Use the *length( )* method to print the 10 …you must also force the two quotes to print.

**String m = “Look here!”;**

**System.out.println( “\“” + m + “\” has ” + m.length( ) + “ characters.” );**

1. How would you print the following?

All “good” men should come to the aid of their country.

**System.out.println( “All \“good\” men should come to the aid of their country. );**

1. Write code that will produce the following printout using only a single *println( )*.

**System.out.println( “Hello\nHello again” );**

1. Write code that will produce the following printout.

A backslash looks like this \, …right?

**System.out.println( “A backslash looks like this \\, …right?” );**

1. What is the output by the following?

String pq = “Eddie Haskel”;

int hm = pq.length( );

String ed = pq.substring(hm - 4);

System.out.println(ed);

**skel**

1. Which character is at the 5th index in the String “Herman Munster”?

**n**