Lab Questions—Day 1

**Exercise 1:**

a.

public class HelloWorld

{

 public static void main(String args[])

 {

 // Write your code to print "Hello, World!"

 //

 // Type your code below this line here.

 System.out.println("Hello, World!");

 }

}

b. Now, change the code to print it on two lines.

c. Now replace the lines that print “Hello, World!” with

System.out.println("3+4+5”);

System.out.println(3+4+5);

d. Quick Quiz: What do these lines print:

System.out.println(3);

System.out.println(4+5);

**Exercise 2:**

a. Change your Hello World program so that it uses ‘greeting’to print Hello, World! On the next line, print the number of characters in greeting.

b. Change your Hello World program so that it greets each person in the class. Use another method of the String class in this assignment. When you apply the toUpperCase method to a String object, the method creates another String object that contains the characters of the original string, with lowercase letters converted to uppercase. For example, the sequence of statements

String river = "Mississippi";

String bigRiver = river.toUpperCase();

sets bigRiver to the String object "MISSISSIPPI". Similarly, applying the toLowerCase method to a String object creates another String object that contains the characters of the original string, with uppercase letters converted to lowercase.

Use one or both of these methods in your program.

Optional: Complete the following program so that it prints the message "abcdefghi". (Use <http://docs.oracle.com/javase/6/docs/api/java/lang/String.html>)

public class TrimIt

{

 public static void main(String[] args)

 {

 String sentence1 = " abc ";

 String sentence2 = " def";

 String sentence3 = "ghi ";

 /\* Your work goes here \*/

 System.out.println(message);

 }