In class Exercises

(Sections 2.1-2.3)

1. What output is produced by the following lines?
   1. String s = “Hello” + “Joe”;

System.out.println(s);

* 1. System.out.println(2 + “ “ + 2);

System.out.println(2 + 2);

* 1. String aString = “Jelly beans”;

double d = 123.1234567890;

System.out.println(“START1234567890”);

System.out.printf(“START%sEND %n %9.4f %n”, aString, d);

1. Write a **multi-way if-else statement** that evaluates a person’s test score on the

following criteria. Treat the test score as integer. Assume the test score given is

between 0 and 100 inclusive.



1. Write an import statement that makes the Scanner class available to your program or other class.
2. Write a Java program that reads in a line of text provided by the user and then outputs that line of text first in all uppercase letters and then in all lowercase letters.
3. What output is produced by the following lines?

a. **HelloJoe b. 2 2**

**4**

1. **START1234567890**

**STARTJelly beansEND**

**123.1235**

2**. if ( score < 60 )**

**System.out.println(“Need more work!”);**

**else if ( score <= 69 )**

**System.out.println(“You are on the right track!”);**

**else if ( score <= 79 )**

**System.out.println(“Very good.”);**

**else if ( score <= 89 )**

**System.out.println(“Excellent!”);**

**else**

**System.out.println(“Perfect!”);**

1. Write an import statement that makes the Scanner class available to your program or other class.

**import java.util.Scanner**

1. Write a Java program that reads in a line of text and then outputs that line of text first in all uppercase letters and then in all lowercase letters.

**import java.util.Scanner;**

**public class Exercise {**

**public static void main(String[] args) {**

**Scanner keyboard = new Scanner(System.in);**

**System.out.println("Enter a line of text: " );**

**String firstString = keyboard.nextLine();**

**System.out.println("The text in all upper case is: \n" +**

**firstString.toUpperCase());**

**System.out.println("The text in all lower case is: \n" +**

**firstString.toLowerCase());**

**}**

**}**