1. (6 pts) Write a sequence of Java statements that produces the following output:

   "Several slashes are sometimes seen,"
   said Sally. "I've said so myself." See?
   \ / \// \///
   System.out.println("\"Several slashes are sometimes seen,\"");
   System.out.println("said Sally. \"I've said to myself.\" See?");
   System.out.println("\ \ /// // \//\// \///\///\///\///");

2. (9 pts) What is the output of the following Java program?

   public class Confusing {
       public static void main(String[] args) {
           method1();
           method3();
           method2();
           method3();
       }
       public static void method1() {
           System.out.println("I am method 1.");
       }
       public static void method2() {
           method1();
           System.out.println("I am method 2.");
       }
       public static void method3() {
           method2();
           System.out.println("I am method 3.");
           method1();
       }
   }

   I am method 1.
   I am method 1.
   I am method 2.
   I am method 3.
   I am method 1.
   I am method 1.
   I am method 2.
   I am method 1.
3. (6 pts) What does each of the following expressions evaluate to?

   a) \( (2.5 + 3) / (11 / 10) \)  
      \( 5.5 \)

   b) \( 89 \% 10 / 4 + 5.5 \)  
      \( 7.5 \)

   c) "hello" + 6.2 + 2  
      "hello6.22"

4. (6 pts) Complete the code in the loop body below so that it prints the following sequence of values exactly as follows:

   17, 14, 11, 8, 5, 2, -1, -4, -7, -10,

   ```java
   for(int i = 1; i <= 10; i++) {
     // put your code below here
     System.out.print(20 - 3*i + ", ");
   }
   ```

5. (6 pts) What is the output of the following code segment?

   ```java
   for (int i = 1; i <= 2; i++)
     for (int j = 1; j <= 3; j++) {
       for (int k = 1; k <= 4; k++)
         System.out.print("*");
       System.out.print("!");
     }
   System.out.println();
   ```

   ****!****!****!****!****!****!
6. (9 pts) Write a code segment (not an entire method or a program!) to produce the following output. Assume that the number, 5, is printed in the first column

```
---1
---2
--3
-4
5
```

```java
for (int i = 1; i <= 5; i++) {
    for (int j = 5-i; j >= 1; j--)
        System.out.print("-");
    System.out.println(i);
}
```

7. (9 pts) Complete the following program by writing the method `frameString()`. This method takes two parameters, a `String` and an integer. It returns a new `String` framed in asterisks (*). The integer is the number of asterisks to put on either side of the `String`. For example, the output of the following program should be

```java
***hello***
*****here is another String to frame*****
This is not framed at all
```

```java
public class Q7 {
    public static void main(String[] args) {
        System.out.println(frameString("hello", 3));
        String long = frameString("here is another String to frame", 5);
        System.out.println(long);
        System.out.println(frameString("This is not framed at all", 0));
    }
    // write the method below here

    public static String frameString(String s, int n) {
        for (int i = 1; i <= n; i++)
            s = "*" + s + "*";
        return s;
    }
}
```
8. (9 pts) What is the output of the following program?

```java
public class Q8 {
    public static void main (String [] args) {
        double d = 4.7;
        Point p = new Point(-2, 3);
        System.out.println(d);
        System.out.println(p);
        questionEight(p, d);
        System.out.println(d);
        System.out.println(p);
    }

    public static void questionEight(Point point, double d) {
        d = d + 3.2;
        point.translate(3, 3);
        System.out.println(d);
        System.out.println(point);
    }
}
```

4.7
java.awt.Point[x=-2,y=3]
7.9
java.awt.Point[x=1,y=6]
4.7
java.awt.Point[x=1,y=6]