1. Provide short answers (one to three sentences) to each of the following questions:

(a) What is the difference between passing/returning values and printing/inputting (from the keyboard) values?

(b) When you write Java source code, for whom are you writing it? (That is, who is your audience?)

(c) Why does Java have integer data types? Why not use floating point numbers (e.g., float and double data types) for everything numeric?

2. What is the output of the following code?

```java
int x = -5;
if (x <= -1) {
    x = -x;
}
if ((1 <= x) && (x <= 9)) {
    x = x * 2;
} else if ((10 <= x) && (x <= 19)) {
    x = x * 10;
} else {
    x = x * 1000;
}
System.out.println(x);
```
3. What is the output when `ArrayPass` is run?

```java
public class ArrayPass {
    public static void main (String[] args) {
        int[] q = new int[15];
        int i = 0;
        while (i < q.length) {
            q[i] = i * i;
            i = i + 1;
        }
        i = 5;
        moose(i, q);
        System.out.println(i);
        System.out.println(q[i]);
    }
    public static void moose (int i, int[] a) {
        i = i + 1;
        a[i] = a[i] * 2;
    }
}
```

4. Write a method named `printRhombus` that, when passed a size (in this example, 5), prints the following rhombic pattern:

```
.....
.....
.....
.....
.....
.....
```

5. Write a method that compares two arrays of `int` to determine whether their contents are identical. It must return `true` if the contents are identical, and `false` otherwise. It’s signature should be:

```java
public static boolean compare (int[] a, int[] b)
```