1. The following code segment is poorly structured. Rewrite to avoid redundancy.

```java
int inValue;
if (x == 1) {
    System.out.println("Enter a value: ");
    Scanner console = new Scanner(System.in);
    inValue = console.nextInt();
    x += inValue;
    System.out.print(inValue + " has been processed.");
} else {
    System.out.println("Enter a value: ");
    Scanner console = new Scanner(System.in);
    inValue = console.nextInt();
    x -= inValue;
    System.out.print(inValue + " has been processed.");
}
```

2. What is the output of the following code segment?

```java
Point p1 = new Point(1,7);
Point p2 = p1;
Point p3 = new Point(1,7);
if (p1 == p2)
    System.out.println("p1 and p2 are equal");
if (p1 == p3)
    System.out.println("p1 and p3 are equal");
if (p2 == p3)
    System.out.println("p2 and p3 are equal");
```