Answer for Homework 0A

Self-Check 1.26: Confusing

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.

I am method 2.

I am method 3.

I am method 1.

Exercise 2.5: starTriangle

```java
for (int i = 1; i <= 5; i++)
{
    for (int j = 1; j <= i; j++)
    {
        System.out.print("*");
    }
    System.out.print("\n");
}
```

Self-Check 2.25: numberTotal

24 1

22 2

19 3

15 4

10 5

Exercise 3.23: printIndexed

```java
public static void printIndexed(String s) {
    int len = s.length();
    for (int i = 0; i < len; i++) {
        System.out.print(s.charAt(i));
        System.out.print(len - 1 - i);
    }
}
```

Exercise 4.17: stutter

```java
public static String stutter(String s) {
    int len = s.length();
    String result = "";
    for (int i = 0; i < len; i++) {
        result = result + s.charAt(i) + s.charAt(i);
    }
    return result;
}
```

Self-Check 4.5: ifElseMystery1

ifElseMystery1(3, 20); => 13 21

ifElseMystery1(4, 5);   => 5 6

ifElseMystery1(5, 5);   => 6 5

ifElseMystery1(6, 10); => 7 11

Exercise 4.19: quadrant

```java
public static int quadrant(double x, double y) {
    if (x == 0 || y == 0) {
        return 0;
    }

    if (x > 0) {
        if (y > 0) {
            return 1;
        }
        else {
            return 4;
        }
    }
    else {
        if (y > 0) {
            return 2;
        }
        else {
            return 3;
        }
    }
}
```