

```

public static int mystery(Scanner console, int x) {
    int y = console.nextInt();
    int count = 0;

    // Point A
    while (y < x) {
        // Point B
        if (y == 0) {
            count++;
            // Point C
        }

        y = console.nextInt();
        // Point D
    }

    // Point E
    return count;
}

```

Categorize each of the assertions at each of the points as SOMETIMES, ALWAYS, or NEVER true.

Assertion	y < x	y == 0	count > 0
Point A			
Point B			
Point C			
Point D			
Point E			