

```

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 assertion below at each of the above points as either ALWAYS, NEVER, or SOMETIMES true.

	y < x	y == 0	count > 0
Point A	SOMETIMES	SOMETIMES	NEVER
Point B	ALWAYS	SOMETIMES	SOMETIMES
Point C	ALWAYS	ALWAYS	ALWAYS
Point D	SOMETIMES	SOMETIMES	SOMETIMES
Point E	NEVER	SOMETIMES	SOMETIMES