

## 1. True/False questions

**For each of the following statements below, indicate whether it is true or false in Java:**

- a) The value of a local variable named `i` has no direct relationship with that of a variable named `i` in its caller.

Answer: True

- b) The value of a parameter named `x` has no direct relationship with that of a variable named `x` in its caller.

Answer: True

## 2. Tracing method execution

For the program below, trace through its execution by hand to show what output is produced when it runs.

Answer:

Bludger: X = 1001 Y= 2001 Z = 2003

Quaffle: X = 2003 Y = 2 Z = 1001

Snitch: X = 4004 Y = 1001