

Find Point

Given two points P and Q, output the symmetric point of point P about Q.

Input Format

The first line contains an integer T representing the number of testcases
Each test case is a line containing four space separated integers $P_x P_y Q_x Q_y$ representing the (x, y) coordinates of P and Q .

Constraints

$$1 \leq T \leq 15$$
$$-100 \leq x, y \leq 100$$

Output Format

For each test case output x and y coordinates of the symmetric point (each point in a new line).

Sample Input

```
2
0 0 1 1
1 1 2 2
```

Sample Output

```
2 2
3 3
```