

# COCI '07 Contest 1 #1 Cetvrta

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**Time limit:** 1.0s   **Memory limit:** 32M

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Mirko needs to choose four points in the plane so that they form a rectangle with sides parallel to the axes. He has already chosen three points and is confident that he hasn't made a mistake, but is having trouble locating the last point. Help him.

## Input Specification

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Each of the three points already chosen will be given on a separate line. All coordinates will be integers between 1 and 1 000.

## Output Specification

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Output the coordinates of the fourth vertex of the rectangle.

## Sample Input 1

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```
5 5  
5 7  
7 5
```

## Sample Output 1

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```
7 7
```

## Sample Input 2

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```
30 20  
10 10  
10 20
```

## Sample Output 2

---

```
30 10
```