
Center of rectangle

X90614_en

Using the definitions

```
class Point:
    """attributes: x, y"""

class Rectangle:
    """attributes: width, height, corner"""
```

write a function

```
find_center(r)
```

that returns a point containing the coordinates of the center of a rectangle r . For example, the center of a rectangle of width 100, height 200, and lower-left corner $(0,0)$, is the point $(50,100)$.

Input

The input consists of several rectangles (four non-negative integer numbers: the width, the height, and the coordinates of the lower-left corner).

Output

For each rectangle, print the coordinates of the center (two non-negative real numbers).

Sample input

```
100 200 0 0
100 200 50 100
100 200 100 200
```

Sample output

```
50.0 100.0
100.0 200.0
150.0 300.0
```

Problem information

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