Mock CCC '20 Contest 1 J3 - A Geometry Problem

Time limit: 1.0s   **Memory limit:** 1G

koosaga is drawing a logo for the next iteration of the KAIST contest. He has gotten lazy, so he has taken a rectangle of length X and height Y and drawn the two diagonals of the rectangle, forming four small triangles. He wishes to know the area of one of these triangles in the figure he has drawn.

Constraints

$1 \leq X, Y \leq 10^9$

In tests worth 14 marks, $\max(X, Y) \leq 10$.

Input Specification

The input will consist of two positive integers, X and Y, X on the first line and Y on the second.

Output Specification

Output, on a single line, the area of one of the given triangles. The area must be printed with exactly two digits after the decimal point.

Sample Input

```
2
2
```

Sample Output

```
1.00
```