



The broken heart of Genghis

After hearing the answer, Genghis shot him with a dart and started shooting arrows. If the nose is the origin of the coordinates. The arrow has hit the coordinates (x,y). Find the distance of the arrow with the nose of the beak and tell Genghis to get closer to his target (nose of the beak :) in the next throws.

Input

In the input line, two decimal numbers separated by a space are given.

$$0 \leq x, y \leq 100$$

Output

Print the largest smaller integer equal to the obtained distance on the only output line.

Sample input 1

0.5678 0.1234



▼ Questions

100

The broken heart of Genghis

100

grand theft

100

Pythagorean numbers

150

!!! ʃ

150

second degree equation

100

Oggulat

200

head of water

All submissions

Final submissions

Scoreboard

Sample output 1

0

Sample input 2

1.2 0.9

Sample output 2

1

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