Median of three numbers

Cho ba số a, b, c. Tìm giá trị ở giữa (trung vị - median) trong ba số đó.

Given three integers a, b, c. Find the median of these three numbers.

Input

A only line contains three integers a, b, c separeted by a space (|a|, |b|, |c| <=10^9).

Output

The median of three given integers.

Example

Input:
10 5 6

Output:
6