

Find maximum

Problem ID: a02p02findmaximum

Write a program that reads in three integers and prints out the maximum of the three. You are not allowed to use the built in `max` function.

Input

Input consists of three lines each containing one integer. Each integer is greater or equal to -10^6 and less than or equal to 10^6 .

Output

Output consists of one line containing one integer, the largest of the three integers.

Sample Input 1

1
2
3

Sample Output 1

3

Sample Input 2

1
0
-1

Sample Output 2

1

Sample Input 3

712
49
12

Sample Output 3

712

Sample Input 4

31
55
19

Sample Output 4

55