

# A: Math is life

input: STDIN  
output: STDOUT

## Problem Statement.

Welcome to shesolves! Let's start by testing your advanced mathematical skills, shall we?

We have two integers: A and B, can you find the largest number among  $A+B$ ,  $A-B$ ,  $A*B$  ?

## Input

$$-100 \leq A \leq 100$$

$$-100 \leq B \leq 100$$

## Output.

Print the largest number among  $A+B$ ,  $A-B$ ,  $A*B$

## Examples.

### example 1

Input:

```
-13 3
```

Output:

```
-10
```

# B: Siraje's OCD

input: STDIN  
output: STDOUT

## Problem Statement.

Sirajeddine is a victim of Obsessive-Compulsive Disorder (OCD). He wants everything to be always tidy (including arrays). So when he sees an array that is not completely sorted, his OCD activates !

Let's define an "intrusion" as an element that is not in its correct place in the sorted version of the array.

Given  $N$  and an array  $A$  of numbers of length  $N$ , return the number of intrusions. For example, if  $N = 3$  and the array  $A = [1, 3, 2]$ :

The sorted version of the array  $A$  will be  $[1, 2, 3]$  and thus the number of intrusions will be equal to 2. Because the elements 2 and 3 are not in their correct place.

## Input

$$1 \leq N \leq 100$$

$$1 \leq A_i \leq N$$

## Output.

Print the number of intrusions in the array.

## Examples.

### example 1

Input:

```
3
1 3 2
```

Output:

```
2
```