

DEPRECATED VERSION

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(incuding 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:

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3
1 3 2
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Output:

2
