

# Missing Number

(Time Limit: 1 sec, Memory Limit: 512 MB)

## Description

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You are given all numbers between  $1, 2, \dots, n$  except one. Your task is to find the missing number.

## Input

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The first input line contains an integer  $n$ .

The second line contains  $n-1$  numbers. Each number is distinct and between 1 and  $n$  (inclusive).

## Output

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Print the missing number.

## Constraints

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- $2 \leq n \leq 2 \cdot 10^5$

## Sample Input/Output

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Input	Output
5 2 3 1 5	4
10 2 8 10 6 5 1 3 7 4	9