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## Which is missing?

P89851\_en

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Write a program that reads sequences with all the numbers between 1 and  $n$  but one, and tells which one is missing.

### Input

Input consists of several sequences. Every sequence begins with a number  $n$  between 1 and  $10^4$  followed by  $n - 1$  natural numbers. Every number between 1 and  $n$  appears exactly once, except one of them, which is missing.

### Output

For every sequence, print the missing number.

#### Sample input

```
5 3 2 1 5
2 1
10 5 4 6 7 1 2 9 10 8
```

#### Sample output

```
4
2
3
```

### Problem information

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Generation : 2016-12-22 17:48:22

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