

## A. Spy Detected!

time limit per test: 2 seconds

memory limit per test: 256 megabytes

input: standard input

output: standard output

You are given an array  $a$  consisting of  $n$  ( $n \geq 3$ ) positive integers. It is known that in this array, all the numbers except one are the same (for example, in the array  $[4, 11, 4, 4]$  all numbers except one are equal to 4).

Print the index of the element that does not equal others. The numbers in the array are numbered from one.

### Input

The first line contains a single integer  $t$  ( $1 \leq t \leq 100$ ). Then  $t$  test cases follow.

The first line of each test case contains a single integer  $n$  ( $3 \leq n \leq 100$ ) — the length of the array  $a$ .

The second line of each test case contains  $n$  integers  $a_1, a_2, \dots, a_n$  ( $1 \leq a_i \leq 100$ ).

It is guaranteed that all the numbers except one in the  $a$  array are the same.

### Output

For each test case, output a single integer — the index of the element that is not equal to others.

### Example

input	Copy
<pre>4 4 11 13 11 11 5 1 4 4 4 4 10 3 3 3 3 10 3 3 3 3 3 3 20 20 10</pre>	
output	Copy
<pre>2 1 5 3</pre>	

### Codeforces Round #713 (Div. 3)

Finished

#### → Virtual participation


Virtual contest is a way to take part in past contest, as close as possible to participation on time. It is supported only ICPC mode for virtual contests. If you've seen these problems, a virtual contest is not for you - solve these problems in the archive. If you just want to solve some problem from a contest, a virtual contest is not for you - solve this problem in the archive. Never use someone else's code, read the tutorials or communicate with other person during a virtual contest.

Start virtual contest

#### → Problem tags

brute force implementation \*800  
No tag edit access

#### → Contest materials

- Announcement 
- Tutorial 