

Codeforces and Polygon may be unavailable between [Aug. 17, 19:00 \(UTC\)](#) to [Aug. 17, 22:00 \(UTC\)](#) due to planned power outages. ×

[PROBLEMS](#) [SUBMIT](#) [STATUS](#) [STANDINGS](#) [CUSTOM TEST](#)

A. Marathon

time limit per test: 1 second
 memory limit per test: 256 megabytes
 input: standard input
 output: standard output

You are given four **distinct** integers a, b, c, d .

Timur and three other people are running a marathon. The value a is the distance that Timur has run and b, c, d correspond to the distances the other three participants ran.

Output the number of participants in front of Timur.

Input

The first line contains a single integer t ($1 \leq t \leq 10^4$) — the number of test cases.

The description of each test case consists of four **distinct** integers a, b, c, d ($0 \leq a, b, c, d \leq 10^4$).

Output

For each test case, output a single integer — the number of participants in front of Timur.

Example

input	Copy
4 2 3 4 1 10000 0 1 2 500 600 400 300 0 9999 10000 9998	
output	Copy
2 0 1 3	

Note

For the first test case, there are 2 people in front of Timur, specifically the participants who ran distances of 3 and 4. The other participant is not in front of Timur because he ran a shorter distance than Timur.

For the second test case, no one is in front of Timur, since he ran a distance of 10000 while all others ran a distance of 0, 1, and 2 respectively.

For the third test case, only the second person is in front of Timur, who ran a total distance of 600 while Timur ran a distance of 500.

Codeforces Round #799 (Div. 4)

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

implementation *800

No tag edit access

→ Contest materials

- Announcement (en) ×
- Tutorial (en) ×



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