Lost Diamond!

by hlum1

Problem Submissions Discussions

Jacob bought a ring so that he could propose to his girlfriend after work! But on his way home, he dropped it in front of a jeweler's shop, where the owner picked it up thinking it was theirs! Now the ring is mixed up in the jeweler's inventory. Jacob knows that the number of facets on his diamond is different than the jeweler's standard (i.e. all the jeweler's diamonds have the same number of edges, but Jacob's does not). Can you help Jacob find his ring?

Input Format

On the first line, there will be an integer N that represents how many diamonds there are.

On the next line, there will be N space separated integers representing the number of facets on each diamond.

Constraints

3 <= N <= 100

Output Format

Output a single integer that represents the 1-indexed position of Jacob's diamond.

Sample Input 0

```
6
25 25 16 25 25 25
```

Sample Output 0

```
3
```

Explanation 0

One of the diamonds has 16 edges while the rest have 25 edges. So we return the 1-indexed position of that diamond, which is 3.

Submissions: 37
Max Score: 1

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Current Buffer (saved locally, editable) C++14

```cpp
#include <cmath>
#include <cstdio>
#include <vector>
#include <iostream>
#include <algorithm>
using namespace std;


int main() {
    /* Enter your code here. Read input from STDIN. Print output to STDOUT */
    return 0;
}

```

Line: 1 Col: 1

Upload Code as File Test against custom input Run Code Submit Code