

A. Odd Man Out[B. Get to Work](#)[C. Qualification Round](#)[D. Polygraph](#)[Contest Analysis](#)[Questions asked](#) **1**

Submissions

Odd Man Out

7pt Not attempted
209/214 users
correct (98%)7pt Not attempted
206/209 users
correct (99%)

Get to Work

9pt Not attempted
127/149 users
correct (85%)9pt Not attempted
124/127 users
correct (98%)

Qualification Round

11pt Not attempted
47/87 users correct
(54%)22pt Not attempted
4/32 users correct
(13%)

Polygraph

12pt Not attempted
14/30 users correct
(47%)23pt Not attempted
0/2 users correct
(0%)

Top Scores

RalfKistner	77
mohamedafattah	65
Ahmed.Kamel	65
gwylin	65
Noodles	55
amrSamir	55
Blazerfrost	55
naguib	55
Kosie	55
mRefaat88	55

Problem A. Odd Man Out

This contest is open for practice. You can try every problem as many times as you like, though we won't keep track of which problems you solve. Read the [Quick-Start Guide](#) to get started.

Small input
7 points

Solve A-small

Large input
7 points

Solve A-large

Problem

You are hosting a party with G guests and notice that there is an odd number of guests! When planning the party you deliberately invited only couples and gave each couple a unique number C on their invitation. You would like to single out whoever came alone by asking all of the guests for their invitation numbers.

Input

The first line of input gives the number of cases, N .
 N test cases follow. For each test case there will be:

- One line containing the value G the number of guests.
- One line containing a space-separated list of G integers. Each integer C indicates the invitation code of a guest.

Output

For each test case, output one line containing "Case $\#x$: " followed by the number C of the guest who is alone.

Limits

 $1 \leq N \leq 50$
 $0 < C \leq 2147483647$

Small dataset

 $3 \leq G < 100$

Large dataset

 $3 \leq G < 1000$

Sample

Input	Output
3	Case #1: 1
3	Case #2: 7
1 2147483647 2147483647	Case #3: 5
5	
3 4 7 4 3	
5	
2 10 2 10 5	

