

Qualification Round Africa

#### A. Store Credit

2010

**B. Reverse Words** 

C. T9 Spelling

## Questions asked (1)

- Submissions		
Store Credit		
8pt	No submissions <b>279/321 users</b> correct (87%)	
25pt	No submissions <b>245/277 users</b> correct (88%)	
Reverse Words		
8pt	No submissions 277/288 users correct (96%)	
25pt	No submissions 272/276 users correct (99%)	
T9 Spelling		
8pt	No submissions 248/267 users correct (93%)	
25pt	No submissions 238/248 users correct (96%)	

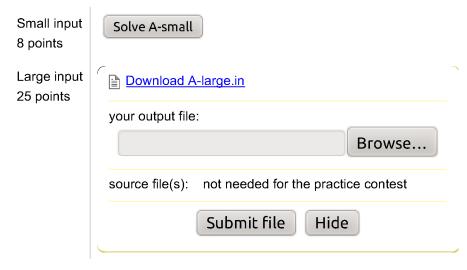
- Top Scores	
ahmed.aly	99
amrSamir	99
mkaimbi	99
Atef	99
MohamedMonem	99
mohamedafattah	99

Practice Mode

Contest scoreboard | Sign in

#### Problem A. Store Credit

In the practice contest, you may try as many times as you want. Read the qu



### Problem

You receive a credit C at a local store and would like to buy two items. You first walk through the store and create a list L of all available items. From this list you would like to buy two items that add up to the entire value of the credit. The solution you provide will consist of the two integers indicating the positions of the items in your list (smaller number first).

## Input

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

- One line containing the value **C**, the amount of credit you have at the store.
- One line containing the value I, the number of items in the store.
- One line containing a space separated list of I integers. Each integer P indicates the price of an item in the store.
- Each test case will have exactly one solution.

### Output

For each test case, output one line containing "Case #x: " followed by the indices of the two items whose price adds up to the store credit. The lower index should be output first.

1 of 2 07/21/2011 11:09 PM

ll931110 99
ghooo 99
tamer.eldeeb 99
mohammad.kotb 99
Full scoreboard

Limits

 $5 \le \mathbf{C} \le 1000$  $1 \le \mathbf{P} \le 1000$ 

Small dataset

N = 10 $3 \le I \le 100$ 

Large dataset

N = 50 $3 \le I \le 2000$ 

# Sample

```
Input
                         Output
3
                         Case #1: 2
100
                         3
3
                         Case #2: 1
5 75 25
                         Case #3: 4
200
150 24 79 50 88 345
3
8
8
2 1 9 4 4 56 90 3
```

© 2008-2011 Google Google Home - Terms and Conditions



2 of 2 07/21/2011 11:09 PM