



Утегенов Батырхан Елембетұлы [ADS-Lab-02]: Submit a solution

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23:20:22 / RUNNING

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Submit a solution for E-106183. Database.

Time limit: 1 s

Real time limit: 5 s

Memory limit: 256M

Problem E: 106183. Database.

KBTU has a database crash. That's why the list of all students is now wrong. Some names of this list were duplicated. Due to the nature of crash, it known that duplicates of the same name occupy subsequent positions in the list. For instance, name "Dana" may occupy positions 2, 3, 4, but cannot occupy positions 2, 3, 5 since these positions are not consequent. Help teachers to get rid of these duplicates.

Input format

You are given an integer N ($1 \leq N \leq 10^5$); - number of names. Then in the next N lines there are names, each in separate line.

Output format

Show how many students we have and print all these student's name line by line. By completing the template it is done automatically.

Examples

Input

```
1
wow
```

Output

```
All in all: 1
Students:
wow
```

Input

```
2
wow
wow
```

Output

```
All in all: 1
Students:
wow
```

Input

```
2
wow
kek
```

Output

```
All in all: 2
Students:
kek
wow
```

Input

```
3
wow
wow
kek
```

Output

```
All in all: 2
Students:
kek
wow
```

Input

```
3
kek
wow
wow
```

Output

```
All in all: 2
Students:
wow
kek
```

Submit a solution

Language:

g++ - GNU C++ 11.4.0

File

Choose File

No file chosen

Send!

Send!

Previous submissions of this problem

Run ID	Time	Size	Problem	Language	Result	Failed test	View source	View report
1509	538:40:54	1349	E	g++	OK	N/A	View	View

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