

Congratulations!

You have passed the sample test cases. Click the submit button to run your code against all the test cases.

✓ Sample Test case 0

Input (stdin)

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```
1 3
2 uncle sam
3 99912222
4 tom
5 11122222
6 harry
7 12299933
8 uncle sam
9 uncle tom
10 harry
```

Your Output (stdout)