H   PRACTICE   COMPETE   JOBS   LEADERBOARD   🔍 Search   💬 🔔   H Minicube ⌄

All Competitions > ICE FEST Programming Contest 2018 > Who hates?

Who hates?

H   by **nurshuvo51**

Problem	Submissions	Discussions

Bangladesh Police Academy has introduced therapy sessions for their troubled trainees. One of the activities is designed to help the trainees be nice to each other. It works like this:

The people sit in a circle, and each writes their own name on the top of a piece of paper. Each person then passes the paper to their left. Once a person has been passed a piece of paper, they have to write a nice, affirming comment about the person whose name is at the top; 'You are a wonderful person', 'Thank you for being so helpful'—something like that. The comment is written at the bottom of the paper which is then folded up so that the comment is hidden. The paper is then passed to the left again and the process repeated. It stops when each person has back the paper they started with, at which point they unfold the paper and read all the nice things the others have written.

That is the idea. However, sometimes some participants misunderstand and think they can write anything they like! Although many of their comments are nice, sometimes they write unpleasant things such as 'You talk too much', or 'Your clothes are scruffy'. Of course, if you receive your paper back and it has something unpleasant written on it, you can quite easily tell who was unkind to you!

That is what you have to do in this problem.

Input Format

The input represents a number of groups, each starting with a line containing a single integer, n, representing the number of people in the group (5 <= n <= 100). There then follow n lines, each line containing the contents of one piece of paper. The lines each begin with the name of one person in the group; the lines are in the same order as the people were sitting, with the papers being passed from one person to the one named on the following line. The last named person passed to the first named person. Following the name of the person are the messages as they appear on the paper from top to bottom (which is, of course, opposite to the order in which the comments were written). To keep things simple, the messages have been read and summarized. A pleasant message has been represented as 'P', a nasty message as 'N'. The letters are separated by single spaces. A line containing only '0', in place of an integer n representing the number of people in the group, indicates the end of input.

Constraints

5 <= n <= 100

Output Format

Output for each group will start with a line 'Group g' stating the group number, starting with 1. Then for each nasty message, one line of output of the form 'A was nasty about B' must be given. Where there is more than one nasty message, they must be listed in the order they appear in the input: first those from the first piece of paper, from left to right, then the next piece of paper, from left to right, and so on. If all the messages written by the group are pleasant, the output must state 'Nobody was nasty'.
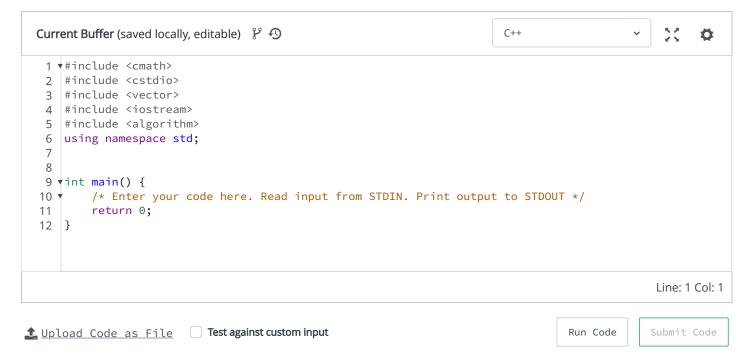
Sample Input 0

```
5
Ann  P  N  P  P
```

```
Bob P P P P
Clive P P P P
Debby P N P P
Eunice P P P P
0
```

Sample Output 0

```
Group 1
Debby was nasty about Ann
Bob was nasty about Debby
```

    f   🐦   in

Submissions: 2
Max Score: 500

Rate This Challenge:
☆ ☆ ☆ ☆ ☆

More

Current Buffer (saved locally, editable)   ⑂ �’   [C++ ▾]   ⛶   ⚙

```cpp
1  #include <cmath>
2  #include <cstdio>
3  #include <vector>
4  #include <iostream>
5  #include <algorithm>
6  using namespace std;
7
8
9  int main() {
10     /* Enter your code here. Read input from STDIN. Print output to STDOUT */
11     return 0;
12 }
```

Line: 1 Col: 1

⬆ Upload Code as File   ☐ Test against custom input   [Run Code]   [Submit Code]