



3  
-1

In the sample input, there are 5 test cases.

In the first test case, it is only possible to make all cows like type 2. FJ can do this by running a single focus group with all cows.

In the second test case, we can show that no cows will change which type of hay they like.

In the third test case, it is possible to make all cows like type 1 by running three focus groups - first by having cows 1 through 4 in a focus group, then by having cows 1 through 5 in a focus group, then by having cows 1 through 6 in a focus group. By similar logic, using cows 3 through 6, cows 2 through 6, then cows 1 through 6, we can make all cows like type 2.

In the fourth test case, it is possible to make all cows like type 3 by running a single focus group with all cows.

In the fifth test case, we can show that no cows will change which type of hay they like.

#### SCORING:

- Input 2:  $N = 2$ .
- Inputs 3-4:  $N \leq 50$ .
- Inputs 5-6:  $h_i \leq h_{i+1}$  for all  $1 \leq i \leq N - 1$ .
- Inputs 7-15: No additional constraints.

Problem credits: Nick Wu

Language:

C 

Source File:

选取文件 未选择文件

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