Cheaters

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Task

In this task you have to write a program which detects cheating students. The detection happens on basis of the place where student is sitting. In the given situation a student can cheat by looking at the exam only from a student sitting next to him. Students who sit next to each other and have similar marks, can be accused of cheating. All students sit in one long row. First student has place 1, second place 2, etc. As input to your programme you will receive the marks of all students according to the place where they sit. First number is the mark of the student sitting on place 1, second of student sitting at place 2, etc. The output of the programme is are the sitting places from two students where the difference in marks is the smallest. If there are multiple options, you only need to print out the one which comes first according to the sitting 'index'.

Input

The first row contains one whole number representing the number of test cases. For each test case there is one row with exam info. First number in the row N represents number of students S taking that exam. After that follow S numbers representing students' marks. Each mark is a whole number between 0 and 100. All marks are separated with one space.

Output

For each exam there is one row of output. If number of students is 0 or 1, cheating is impossible and text 'spieken kon niet' (cheating is impossible) needs to be printed. If difference between two consecutive marks s1 s2 equals 0, text 's1 en s2 zijn zwaar verdacht' (s1 and s2 are very suspicious) needs to be printed. Here are s1 and s2 sitting places of the students accused of cheating. If the difference is not 0, text 's1 en s2 zijn verdacht' (s1 and s2 are suspicious) needs to be printed. Numbers s1 and s2 need to be ordered so that s1 ¡ s2.

Example input

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 3
1 6
4 12 13 8 16
3 10 10 14
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Example output

spieken kon niet
1 en 2 zijn verdacht
1 en 2 zijn zwaar verdacht