SADDLE POINTS

A saddle point is a cell whose value is greater than or equal to any in its row, and less than or equal to any in its column. Your task is to search for the "saddle points" in a 4 * 4 matrix of integers. There may be more than one saddle point in the array.

Input:

First line of input contains an integer ‘t’ which is the number of test cases. Followed by ‘t’ test cases i.e. ‘t’ 4 * 4 matrix separated by an empty line.

Output:

For each test case you have to print the number of saddle points ‘s’ in the matrix. Followed by ‘s’ lines, each containing 2 integer r and c (1 based row and column numbers) i.e. coordinates of each of the ‘s’ saddle points, separated by a space. Print out "No saddle points" if there are none. Each test case output is separated by an empty line.

Sample:

Input:

```
4
3 5 8 9
1 10 0 11
2 4 35 21
1 7 6 9

4 3 2 1
4 3 2 1
4 3 2 1
4 3 2 1

1 2 3 4
5 6 7 8
9 10 11 12
13 14 15 16

2 4 6 8
10 12 14 16
16 14 12 10
8 6 4 2
```

Output:

2
1 4
4 4

4
1 1
2 1
3 1
4 1

1
1 4

No saddle points