

## Line up



### Problem Statement

The farmer likes to line up a group of rabbits according to their height. But, as you know, rabbits always run around.

Your task is to write a program to assist the farmer in determining whether or not the rabbits are lined up properly, either from shortest to tallest or from tallest to shortest.

### Input

The input starts with a line containing a single integer  $N$ ,  $0 < N < 20$ , which is the number of groups to process. Following this are  $N$  lines, each containing **ten distinct** positive integers less than 100.

### Output

There is a title line “Rabbits:”, then one line per set of rabbits. See the sample output for capitalization and punctuation.

### Examples

Input	Output
3	Rabbits:
13 25 39 40 55 62 68 77 88 95	Ordered
88 62 77 20 40 10 99 56 45 36	Unordered
91 78 61 59 54 49 43 33 26 18	Ordered