

# Problem AVENUE: Avenue

The trees in the avenue to a noble villa suffer from unrolled growth and do not look manorial any more. Therefore, the owner instructs the gardener to prettify the avenue again. The gardener - as he is a smart and clever guy - wants to work as little as possible. He decides to chop down the trees that do not correspond to a pattern: Every tree has to be strictly higher than its direct predecessor. In such way, the trees form a nice shape and everybody is happy again. Note that the gardener does not reduce the height of a tree but completely removes it from the avenue.



## Input

The first line of the input describes the number of testcases, denoted by  $n$  ( $1 \leq n \leq 10$ ). The next  $n$  lines describe a single testcase. The first number on each of these lines is the number of trees in the avenue, denoted by  $m$  ( $1 \leq m \leq 10,000$ ). Then there follow  $m$  numbers, denoting the tree heights. You may safely assume that each height is a positive integer not greater than 100,000.

## Output

The gardener wants to chop a minimal number of trees in order to form the pattern - which trees have to be chopped? Print the according trees sorted in one line per testcase (first tree of input is named 1, second 2... ). If there is more than one possibility, the gardener prefers to chop trees near to the villa (later in the input). If the trees already match to the pattern, print 'none'.

### Sample Input 1

```
6
10 10 9 8 7 6 5 4 3 2 1
10 1 2 3 4 5 6 7 8 9 10
7 1 2 3 3 4 5 6
7 1 2 3 4 3 5 6
7 6 5 3 4 3 2 1
5 4711 4711 4711 4711 4711
```

### Sample Output 1

```
2 3 4 5 6 7 8 9 10
none
4
5
1 2 5 6 7
2 3 4 5
```