

Special Subarray

You are given an array 'ARR' of size 'N'. Your task is to find the special subarray of 'ARR'. A special subarray is the smallest contiguous part of an array that contains all the occurrences of the most frequent element of the array.

For Example:

You are given 'ARR' = {1, 3, 4, 3, 5}. Then our answer will be {3, 4, 3} because the most frequent element is 3, and the subarray {3, 4, 3} contains all the occurrences of 3.

Input Format:

The first line contains an integer 'T' which denotes the number of test cases.

The first line of each test case contains an integer 'N' denoting the size of the 'arr'.

The second contains 'N' space-separated integers representing the elements of the array 'arr'.

Output Format:

For each test case, print the elements of the special subarray separated a space.

The output of each test case will be printed in a separate line.

Constraints:

$$1 \leq T \leq 10$$

$$1 \leq N \leq 5000$$

$$0 \leq \text{ARR}[i] \leq 10^6$$

Time limit: 1 sec

Note:

You do not need to input or print anything, as it has already been taken care of. Just implement the given function.