Problem D
COMPLETE TASKS
Time limit: 1 second

Tue is assigned n tasks to complete, numbered from 1 to n. Each day, Tue will work on the tasks that remain unfinished from previous days, following these rules:

- On the first task of the day, Tue can choose any available task and start working on it.

- If task i is chosen, once Tue finishes task i, the next task j that can be selected must satisfy $j > a_i$.

- If no valid task can be selected after task i, Tue must wait until the next day to resume working.

To earn her wage, Tue must complete all n tasks. Therefore, he wants to finish all tasks in the fewest possible number of days. Write a program to determine the minimum number of days required for Tue to complete all tasks, and for each day, provide the order of tasks that need to be completed.

Input

- The first line contains an integer n ($1 \leq n \leq 3 \times 10^5$).

- The second line contains n integers $a_1, a_2, \ldots, a_n$ ($0 \leq a_i \leq n$).

Output

- The first line outputs the integer d, which is the minimum number of days needed to complete all n tasks.

- The next d lines: on the t-th line, the first number is k_t, followed by k_t numbers representing the tasks completed on day t in order. If there are multiple ways to complete the tasks in the minimum number of days, print any valid solution.

Sample Input	Sample Output
4 2 2 4 4	2 2 2 4 2 1 3
5 5 0 1 2 3	1 5 5 4 3 2 1