**Leaders in array**

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Given an integer array A of size n. Find and print all the leaders present in the input array. An array element A[i] is called Leader, if all the elements following it (i.e. present at its right) are less than or equal to A[i].

Print all the leader elements separated by space and in the same order they are present in the input array.

**Input Format :**

Line 1 : Integer n, size of array

Line 2 : Array A elements (separated by space)

**Output Format :**

leaders of array (separated by space)

**Constraints :**

1 <= n <= 10^6

**Sample Input 1 :**

6

3 12 34 2 0 -1

**Sample Output 1 :**

34 2 0 -1

**Sample Input 2 :**

5

13 17 5 4 6

**Sample Output 2 :**

17 6