January 2025, CSE 106

Online on Array (B1/B2)

Time: 35 Minutes

You are given an array of integers representing the scores achieved by players in a game, listed in the order they finished. A player is considered a "leader" if their score is greater than or equal to every player's score who finished after them. The last player is always a leader.

Write a C program to find all the leaders in the array and print their scores in the order they appear.

**Input:** An array ***scores*** ($-10^9 \leq$ ***scores[i]*** $\leq 10^9$) of size ***n*** ($1 \leq$ ***n*** $\leq 10^4$) where each element is an integer.

**Output:** Leaders' score in appeared order.

**Example 1:**

Input: n = 6, scores[] = {4, -1, -3, 2, -2, 0}

Output: 4, 2, 0

**Example 2:**

Input: n = 6, scores[] = {45, 78, 23, 19, 34, 15}

Output: 78, 34, 15