## LEADER'S IN AN ARRAY

In this problem, we are supposed to return an array of numbers in which each element is a leader (i.e. every element after it in the main array is smaller)

The array being returned may be sorted or not depending on the question.

Brute force solution is to run a touble loop for each element and check if all the elements after it are smaller or not. If yes we add it to the final results away Time complexity is ~O(N²).

Optimal Solution is when we start iterating from the wight and keep a track of the maximum element which we encounted If our element is greater than it it is a leader we change value as a new maximum is recorded

Pseudocode: Leaders In An Array (am, N) { maxi = - infinity