Day 140/180 Stack Hard

1: Minimum of Maximum for every window size.

Given an integer array. The task is to find the minimum of the maximum of every window size in the array. Note: Window size varies from 1 to the size of the Array.

Ex: N = 7 arr[] = {10,20,30,50,10,70,30}
Output: {10,20,30,50,50,70,70}

Explanation:
Maximum of windows of size 1 are {10}, {20}, {30}, {50},{10}, {70} and {30}. Minimum of these maximum is 10.

Maximum of windows of size 2 are {20}, {30}, {50}, {50}, {70}, and {70}. Minimum of these maximum is 20.

2: IPL Final