**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**](https://www.geeksforgeeks.org/problems/ipl-2021-final--141634/1)