

1636. Sort Array by Increasing Frequency

Description

Given an array of integers `nums`, sort the array in **increasing** order based on the frequency of the values. If multiple values have the same frequency, sort them in **decreasing** order.

Return the *sorted array*.

Example 1:

Input: `nums = [1,1,2,2,2,3]`

Output: `[3,1,1,2,2,2]`

Explanation: '3' has a frequency of 1, '1' has a frequency of 2, and '2' has a frequency of 3.

Example 2:

Input: `nums = [2,3,1,3,2]`

Output: `[1,3,3,2,2]`

Explanation: '2' and '3' both have a frequency of 2, so they are sorted in decreasing order.

Example 3:

Input: `nums = [-1,1,-6,4,5,-6,1,4,1]`

Output: `[5,-1,4,4,-6,-6,1,1,1]`

Constraints:

- `1 <= nums.length <= 100`
- `-100 <= nums[i] <= 100`

