Amano Challenge - Top Element

Time: 15 minutes recommended.

Given a non-empty array of integers nums, return the k most frequent elements.

Your solution must be better than O(n log n) time complexity, where n is the size of the array.

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Input: nums = [1,1,1,2,2,3], k = 2
Output: [1,2]

Input: nums = [4,4,4,5,6,6,6,7], k = 1
Output: [4] or [6] (both are valid)
```

Conditions:

- 1 <= nums.length <= 10^5
- k is always a valid integer: 1 <= k <= number of unique elements
- You may return the answer in any order.