

# 347. Top K Frequent Elements

Medium

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Given an integer array `nums` and an integer `k`, return *the k most frequent elements*. You may return the answer in **any order**.

### Example 1:

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

### Example 2:

**Input:** `nums = [1], k = 1`  
**Output:** `[1]`

### Constraints:

- `1 <= nums.length <= 105`
- `-104 <= nums[i] <= 104`
- `k` is in the range `[1, the number of unique elements in the array]`.
- It is **guaranteed** that the answer is **unique**.

**Follow up:** Your algorithm's time complexity must be better than  $O(n \log n)$ , where `n` is the array's size.

Seen this question in a real interview before? 1/4

☒ Yes ☐ No

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