[LeetCode](https://leetcode.com/problems/count-elements-with-maximum-frequency/description/?envType=daily-question&envId=2024-03-08)

<https://github.com/AdityaKonda6/-50DaysOfCoding>

<https://leetcode.com/problems/count-elements-with-maximum-frequency/description/?envType=daily-question&envId=2024-03-08>

<https://www.linkedin.com/in/aditya-adi-konda/>

Day 18 of [#50dayscodingchallenge](https://www.linkedin.com/feed/hashtag/?keywords=50dayscodingchallenge&highlightedUpdateUrns=urn:li:activity:7166316239483461633):  
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Just kicked off my coding journey with a fascinating problem - "Successfully solved LeetCode Problem “3005. Count Elements with Maximum Frequency.” !”  
   
✨ Task: You are given an array nums consisting of positive integers.

Return the total frequencies of elements in nums such that those elements all have the maximum frequency.

The frequency of an element is the number of occurrences of that element in the array.

Examples:

Example 1:

Input: nums = [1,2,2,3,1,4]

Output: 4

Explanation: The elements 1 and 2 have a frequency of 2 which is the maximum frequency in the array.

So the number of elements in the array with maximum frequency is 4.

Example 2:

Input: nums = [1,2,3,4,5]

Output: 5

Explanation: All elements of the array have a frequency of 1 which is the maximum.

So the number of elements in the array with maximum frequency is 5.

Let's Connect:

If you find this problem intriguing or have insights to share, let's connect! I'm passionate about problem-solving, algorithmic thinking, and collaborative learning. Feel free to comment or reach out for engaging discussions and knowledge exchange.Unravel the mystery using your coding skills!

[#CodingChallenge](https://www.linkedin.com/feed/hashtag/?keywords=codingchallenge&highlightedUpdateUrns=urn:li:activity:7166316239483461633) [#Algorithm](https://www.linkedin.com/feed/hashtag/?keywords=algorithm&highlightedUpdateUrns=urn:li:activity:7166316239483461633) [#LinkedInPost](https://www.linkedin.com/feed/hashtag/?keywords=linkedinpost&highlightedUpdateUrns=urn:li:activity:7166316239483461633) #Algorithm #Optimization #DataStructures #CodingChallenge  
  
Excited about the progress and challenges ahead!  
   
Make Sure You Follow My GitHub For Solutions: <https://github.com/AdityaKonda6/-50DaysOfCoding>  
  
  
Happy coding!

**Solution:-**

class Solution {

  public int maxFrequencyElements(int[] nums) {

    final int kMax = 100;

    int ans = 0;

    int[] count = new int[kMax + 1];

    for (final int num : nums)

      ++count[num];

    final int maxFreq = Arrays.stream(count).max().getAsInt();

    for (final int freq : count)

      if (freq == maxFreq)

        ans += maxFreq;

    return ans;

  }

}

