740. Delete and Earn

Difficulty: Medium

https://leetcode.com/problems/delete-and-earn

Explanation: You can perform the following operations:

- Delete 2 to earn 2 points. nums = [].

You are given an integer array nums. You want to maximize the number of points you get by performing the following operation any number of times:

• Pick any nums[i] and delete it to earn nums[i] points. Afterwards, you must delete **every** element equal to nums[i] - 1 and **every** element equal to nums[i] + 1.

Return the **maximum number of points** you can earn by applying the above operation some number of times.

Example 1:

Output: 6

Input: nums = [3,4,2]

```
You earn a total of 6 points.

Example 2:

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

Output: 9

Explanation: You can perform the following operations:
- Delete a 3 to earn 3 points. All 2's and 4's are also deleted. nums = [3,3].
- Delete a 3 again to earn 3 points. nums = [3].
- Delete a 3 once more to earn 3 points. nums = [].
```

- Delete 4 to earn 4 points. Consequently, 3 is also deleted. nums = [2].

Constraints:

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    1 <= nums.length <= 2 * 10<sup>4</sup>
    1 <= nums[i] <= 10<sup>4</sup>
```

You earn a total of 9 points.