3467. Transform Array by Parity

Solved ●

Easy   ♀ Hint

You are given an integer array `nums`. Transform `nums` by performing the following operations in the **exact** order specified:

1. Replace each even number with 0.

2. Replace each odd numbers with 1.

3. Sort the modified array in **non-decreasing** order.

Return the resulting array after performing these operations.

Example 1:

> **Input:** nums = [4,3,2,1]
>
> **Output:** [0,0,1,1]
>
> **Explanation:**
>
> - Replace the even numbers (4 and 2) with 0 and the odd numbers (3 and 1) with 1. Now, `nums = [0, 1, 0, 1]`.
> - After sorting `nums` in non-descending order, `nums = [0, 0, 1, 1]`.

Example 2:

> **Input:** nums = [1,5,1,4,2]
>
> **Output:** [0,0,1,1,1]
>
> **Explanation:**
>
> - Replace the even numbers (4 and 2) with 0 and the odd numbers (1, 5 and 1) with 1. Now, `nums = [1, 1, 1, 0, 0]`.
> - After sorting `nums` in non-descending order, `nums = [0, 0, 1, 1, 1]`.

Constraints:

- `1 <= nums.length <= 100`

- `1 <= nums[i] <= 1000`

Seen this question in a real interview before?   1/5

Yes   No

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