## 6005. Minimum Operations to Make the Array Alternating

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You are given a **0-indexed** array nums consisting of n positive integers.

The array nums is called alternating if:

- nums[i-2] == nums[i], where 2 <= i <= n-1.
- nums[i 1] != nums[i], where  $1 \le i \le n 1$ .

In one **operation**, you can choose an index i and **change** nums [i] into **any** positive integer.

Return the *minimum number of operations* required to make the array alternating.



## Example 1:

```
Input: nums = [3,1,3,2,4,3]
Output: 3
Explanation:
One way to make the array alternating is by converting it to [3,1,3,1,3,1].
The number of operations required in this case is 3.
It can be proven that it is not possible to make the array alternating in less than 3 operations.
```

## Example 2:

```
Input: nums = [1,2,2,2,2]
Output: 2
Explanation:
One way to make the array alternating is by converting it to [1,2,1,2,1].
The number of operations required in this case is 2.
Note that the array cannot be converted to [2,2,2,2,2] because in this case nums[0] == nums[1] which violates the conditions
```

## **Constraints:**

- 1 <= nums.length <=  $10^5$
- 1 <= nums[i] <=  $10^5$