# 2341. Maximum Number of Pairs in Array

## Description

You are given a **0-indexed** integer array `nums` . In one operation, you may do the following:

- Choose **two** integers in `nums` that are **equal** .
- Remove both integers from `nums` , forming a **pair** .

The operation is done on `nums` as many times as possible.

Return *a* **0-indexed** *integer array* `answer` *of size* `2` *where* `answer[0]` *is the number of pairs that are formed and* `answer[1]` *is the number of leftover integers in* `nums` *after doing the operation as many times as possible* .

### Example 1:

```
Input: nums = [1,3,2,1,3,2,2]
Output: [3,1]
Explanation:
Form a pair with nums[0] and nums[3] and remove them from nums. Now, nums = [3,2,3,2,2].
Form a pair with nums[0] and nums[2] and remove them from nums. Now, nums = [2,2,2].
Form a pair with nums[0] and nums[1] and remove them from nums. Now, nums = [2].
No more pairs can be formed. A total of 3 pairs have been formed, and there is 1 number leftover in nums.
```

### Example 2:

```
Input: nums = [1,1]
Output: [1,0]
Explanation: Form a pair with nums[0] and nums[1] and remove them from nums. Now, nums = [].
No more pairs can be formed. A total of 1 pair has been formed, and there are 0 numbers leftover in nums.
```

### Example 3:

```
Input: nums = [0]
Output: [0,1]
Explanation: No pairs can be formed, and there is 1 number leftover in nums.
```

### Constraints:

- `1 <= nums.length <= 100`
- `0 <= nums[i] <= 100`