Problem 2404: Most Frequent Even Element

Problem Information

Difficulty: Easy
Acceptance Rate: 52.80%
Paid Only: No
Tags: Array, Hash Table, Counting

Problem Description

Given an integer array `nums`, return _the most frequent even element_.

If there is a tie, return the **smallest** one. If there is no such element, return `-1`.

Example 1:

Input: nums = [0,1,2,2,4,4,1] **Output:** 2 **Explanation:** The even elements are 0, 2, and 4. Of these, 2 and 4 appear the most. We return the smallest one, which is 2.

Example 2:

Input: nums = [4,4,4,9,2,4] **Output:** 4 **Explanation:** 4 is the even element appears the most.

Example 3:

Input: nums = [29,47,21,41,13,37,25,7] **Output:** -1 **Explanation:** There is no even element.

Constraints:

* `1 <= nums.length <= 2000` * `0 <= nums[i] <= 105`

Code Snippets

C++:

```cpp
class Solution {
public:
    int mostFrequentEven(vector<int>& nums) {


    }
};
```

Java:

```java
class Solution {
    public int mostFrequentEven(int[] nums) {


    }
}
```

Python3:

```python
class Solution:
    def mostFrequentEven(self, nums: List[int]) -> int:
```