Problem 3151: Special Array I

Problem Information

Difficulty: Easy
Acceptance Rate: 81.64%
Paid Only: No
Tags: Array

Problem Description

An array is considered **special** if the _parity_ of every pair of adjacent elements is different. In other words, one element in each pair **must** be even, and the other **must** be odd.

You are given an array of integers `nums`. Return `true` if `nums` is a **special** array, otherwise, return `false`.

Example 1:

Input: nums = [1]

Output: true

Explanation:

There is only one element. So the answer is `true`.

Example 2:

Input: nums = [2,1,4]

Output: true

Explanation:

There is only two pairs: `(2,1)` and `(1,4)`, and both of them contain numbers with different parity. So the answer is `true`.

Example 3:

Input: nums = [4,3,1,6]

Output: false

Explanation:

`nums[1]` and `nums[2]` are both odd. So the answer is `false`.

Constraints:

* `1 <= nums.length <= 100` * `1 <= nums[i] <= 100`

Code Snippets

C++:

```
class Solution {
public:
bool isArraySpecial(vector<int>& nums) {

}
};
```

Java:

```
class Solution {
public boolean isArraySpecial(int[] nums) {

}
}
```

Python3:

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