

Problem 3190: Find Minimum Operations to Make All Elements Divisible by Three

Problem Information

Difficulty: [Easy](#)

Acceptance Rate: 89.04%

Paid Only: No

Tags: Array, Math

Problem Description

You are given an integer array `nums`. In one operation, you can add or subtract 1 from **any** element of `nums`.

Return the **minimum** number of operations to make all elements of `nums` divisible by 3.

Example 1:

Input: `nums = [1,2,3,4]`

Output: 3

Explanation:

All array elements can be made divisible by 3 using 3 operations:

* Subtract 1 from 1. * Add 1 to 2. * Subtract 1 from 4.

Example 2:

Input: `nums = [3,6,9]`

Output: 0

Constraints:

```
*`1 <= nums.length <= 50` *`1 <= nums[i] <= 50`
```

Code Snippets

C++:

```
class Solution {  
public:  
    int minimumOperations(vector<int>& nums) {  
  
    }  
};
```

Java:

```
class Solution {  
    public int minimumOperations(int[] nums) {  
  
    }  
}
```

Python3:

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