path-in-a-g
obstacles-
elimination

# 6220. Average Value of Even Numbers That Are Divisible by Three

My Submissions (/contest/weekly-contest-317/problems/average-value-of-even-numbers-that-are-divisible-by-three/submissions/)

Back to Contest (/contest/weekly-contest-317/)

Given an integer array `nums` of **positive** integers, return *the average value of all even integers that are divisible by* `3` .

Note that the **average** of `n` elements is the **sum** of the `n` elements divided by `n` and **rounded down** to the nearest integer.

| | |
|---|---|
| User Accepted: | 37 |
| User Tried: | 77 |
| Total Accepted: | 37 |
| Total Submissions: | 88 |
| Difficulty: | Easy |

**Example 1:**

```
Input: nums = [1,3,6,10,12,15]
Output: 9
Explanation: 6 and 12 are even numbers that are divisible by 3. (6 + 12) / 2 = 9.
```
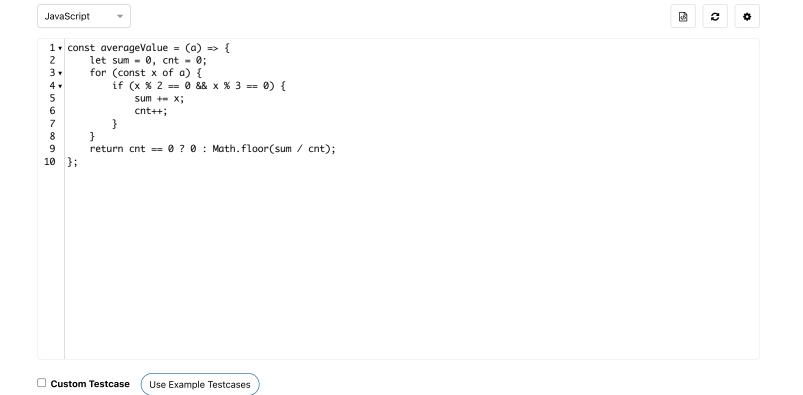
**Example 2:**

```
Input: nums = [1,2,4,7,10]
Output: 0
Explanation: There is no single number that satisfies the requirement, so return 0.
```

**Constraints:**

- `1 <= nums.length <= 1000`
- `1 <= nums[i] <= 1000`

JavaScript ▾

```javascript
const averageValue = (a) => {
    let sum = 0, cnt = 0;
    for (const x of a) {
        if (x % 2 == 0 && x % 3 == 0) {
            sum += x;
            cnt++;
        }
    }
    return cnt == 0 ? 0 : Math.floor(sum / cnt);
};
```

☐ **Custom Testcase**    Use Example Testcases

▶ Run    ☁ Submit

**Submission Result: Accepted** (/submissions/detail/833042426/) ❓    More Details ❯ (/submissions/detail/833042426/)

Share your acceptance!