Contest Discuss (/discuss/) (/) Explore Problems(/problemset/all/) Mock(/interview/) Storedata=eyJ1cmwiOiAiaHR0cHM6Ly9sZWV0Y29kZS5jb20vZGlzY3Vzcy9nZW! 5698. Minimum Elements to Add to Form a Given Sum

My Submissions (/contest/weekly-contest-231/problems/minimum-elements-to-add-to-form-a-given-sum/submissions/)

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You are given an integer array nums and two integers limit and goal. The array nums has an interesting property that abs(nums[i]) <= limit.</pre>

Return the minimum number of elements you need to add to make the sum of the array equal to goal . The array must maintain its property that $abs(nums[i]) \le limit$.

Note that abs(x) equals x if $x \ge 0$, and -x otherwise.

User Accepted: 0 User Tried: 0 Total Accepted: 0 **Total Submissions:** 0 Difficulty: Medium

Example 1:

```
Input: nums = [1,-1,1], limit = 3, goal = -4
Output: 2
Explanation: You can add -2 and -3, then the sum of the array will be 1 - 1 + 1 - 2 - 3 = -4.
```

Example 2:

```
Input: nums = [1,-10,9,1], limit = 100, goal = 0
Output: 1
```

Constraints:

- 1 <= nums.length <= 10⁵
- $1 \le \lim <= 10^6$
- -limit <= nums[i] <= limit</pre>
- $-10^9 \le \text{goal} \le 10^9$

```
\boldsymbol{z}
 JavaScript
  1 • /**
      * @param {number[]} nums
  2
  3
      * @param {number} limit
      * @param {number} goal
  4
  5
      * @return {number}
  6
  7 ▼
     var minElements = function(nums, limit, goal) {
  8
  9
     };
□ Custom Testcase
                      Use Example Testcases
```

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