5698. Minimum Elements to Add to Form a Given Sum

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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`.

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]) <= limit`.

Note that `abs(x)` equals `x` if `x >= 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:

- $1 <= nums.length <= 10^5$
- $1 <= limit <= 10^6$
- $-limit <= nums[i] <= limit$
- $-10^9 <= goal <= 10^9$

JavaScript

```
/**
 * @param {number[]} nums
 * @param {number} limit
 * @param {number} goal
 * @return {number}
 */
var minElements = function(nums, limit, goal) {

};
```

Custom Testcase Use Example Testcases

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