

5602. Minimum Operations to Reduce X to Zero

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You are given an integer array `nums` and an integer `x` . In one operation, you can either remove the leftmost or the rightmost element from the array `nums` and subtract its value from `x` . Note that this **modifies** the array for future operations.

Return the **minimum number** of operations to reduce `x` to **exactly** `0` if it's possible, otherwise, return `-1` .

User Accepted:	0
User Tried:	2
Total Accepted:	0
Total Submissions:	3
Difficulty:	Medium

Example 1:

Input: `nums = [1,1,4,2,3]`, `x = 5`
Output: `2`
Explanation: The optimal solution is to remove the last two elements to reduce `x` to zero.

Example 2:

Input: `nums = [5,6,7,8,9]`, `x = 4`
Output: `-1`

Example 3:

Input: `nums = [3,2,20,1,1,3]`, `x = 10`
Output: `5`
Explanation: The optimal solution is to remove the last three elements and the first two elements (5 operations in total)

Constraints:

- `1 <= nums.length <= 105`
- `1 <= nums[i] <= 104`
- `1 <= x <= 109`

JavaScript

```
1 /**
2  * @param {number[]} nums
3  * @param {number} x
4  * @return {number}
5  */
6 var minOperations = function(nums, x) {
7
8  };
```