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# 1658. Minimum Operations to Reduce X to Zero

Medium    Topics    Companies    Hint

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

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

**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
```

**Constraints:**

- $1 <= nums.length <= 10^5$
- $1 <= nums[i] <= 10^4$
- $1 <= x <= 10^9$

Seen this question in a real interview before?    1/4

Yes    No

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Hint 1

Hint 2

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