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LeetCode Challenge + GIVEAWAY!

Premium

Description

Solution

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Submissions

Java

Autocomplete

209. Minimum Size Subarray Sum

Medium

4985

161

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Given an array of positive integers `nums` and a positive integer `target`, return the minimal length of a **contiguous subarray** $[nums_1, nums_{1+1}, \dots, nums_{r-1}, nums_r]$ of which the sum is greater than or equal to `target`. If there is no such subarray, return `0` instead.

Example 1:

Input: `target = 7, nums = [2,3,1,2,4,3]`
Output: `2`
Explanation: The subarray `[4,3]` has the minimal length under the problem constraint.

Example 2:

Input: `target = 4, nums = [1,4,4]`
Output: `1`

Example 3:

Input: `target = 11, nums = [1,1,1,1,1,1,1,1]`
Output: `0`

Constraints:

- $1 \leq target \leq 10^9$
- $1 \leq nums.length \leq 10^5$
- $1 \leq nums[i] \leq 10^5$

Follow up: If you have figured out the $O(n)$ solution, try coding another solution of which the time complexity is $O(n \log(n))$.

Accepted 426,350

Submissions 1,024,279

Seen this question in a real interview before?

Yes

No

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class Solution {

public int minSubArrayLen(int target, int[] nums) {

}

}

Problems

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209/2066

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https://leetcode.com/problems/minimum-size-subarray-sum/

1/1