209. Minimum Size Subarray Sum

- Given an array of positive integers nums and a positive integer target, return the minimal length of a subarray whose 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:

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

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)).