2219. Maximum Sum Score of Array Premium Medium ♥ Topics 🔁 Companies 🗘 Hint You are given a **0-indexed** integer array nums of length n. The **sum score** of nums at an index i where $0 \le i \le n$ is the **maximum** of: • The sum of the **first** i + 1 elements of nums. • The sum of the **last** n - i elements of nums. Return the **maximum sum score** of nums at any index. Example 1: **Input:** nums = [4,3,-2,5]Output: 10 Explanation: The sum score at index 0 is max(4, 4 + 3 + -2 + 5) = max(4, 10) = 10. The sum score at index 1 is max(4 + 3, 3 + -2 + 5) = max(7, 6) = 7. The sum score at index 2 is max(4 + 3 + -2, -2 + 5) = max(5, 3) = 5. The sum score at index 3 is max(4 + 3 + -2 + 5, 5) = max(10, 5) = 10. The maximum sum score of nums is 10. Example 2: **Input:** nums = [-3, -5]Output: -3 Explanation: The sum score at index 0 is max(-3, -3 + -5) = max(-3, -8) = -3. The sum score at index 1 is max(-3 + -5, -5) = max(-8, -5) = -5. The maximum sum score of nums is -3. **Constraints:** • n == nums.length • 1 <= n <= 10⁵ • $-10^5 <= nums[i] <= 10^5$ Seen this question in a real interview before? 1/5 Submissions 7.4K Acceptance Rate 61.8% Accepted 4.6K ♥ Topics Array Prefix Sum Companies 0 - 6 months Amazon 2 Q Hint 1 How can we use precalculation to efficiently calculate the average difference at an index? O Hint 2 Create a prefix and/or suffix sum array. ₩ Similar Questions Subarray Sum Equals K Find Pivot Index Easy Find the Middle Index in Array Easy Discussion (4)

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