2557. Maximum Number of Integers to Choose From a Range II Medium ♥ Topics ② Companies ۞ Hint You are given an integer array banned and two integers n and maxSum. You are choosing some number of integers following the below rules: The chosen integers have to be in the range [1, n]. Each integer can be chosen at most once. The chosen integers should not be in the array banned. The sum of the chosen integers should not exceed maxSum. Return the maximum number of integers you can choose following the mentioned rules. Example 1: **Input:** banned = [1,4,6], n = 6, maxSum = 4 Output: 1 Explanation: You can choose the integer 3. 3 is in the range [1, 6], and do not appear in banned. The sum of the chosen integers is 3, which does not exceed maxSum. Example 2: **Input:** banned = [4,3,5,6], n = 7, maxSum = 18 Output: 3 Explanation: You can choose the integers 1, 2, and 7. All these integers are in the range [1, 7], all do not appear in banned, and their sum is 18, which does not exceed maxSum. Constraints: • 1 <= banned.length <= 10⁵ • $1 \le \text{banned}[i] \le n \le 10^9$ • 1 <= maxSum <= 10¹⁵ Seen this question in a real interview before? 1/5 Yes No Accepted 1.9K Submissions 5.1K Acceptance Rate 37.9% ♥ Topics Array Binary Search Greedy Sorting € Companies 0 - 6 months PayPal 2 O Hint 1 It is optimal always to take the smallest possible integer you can choose. O Hint 2 Between every consecutive banned integers, can you find how many integers you can choose? O Hint 3 Think of using binary search to find that. **₹** Similar Questions First Missing Positive Find All Numbers Disappeared in an Array Easy Append K Integers With Minimal Sum Replace Elements in an Array Maximum Number of Integers to Choose From a Range I Medium

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