🐧 LeetCoding Challenge + GIVEAWAY! 🎁 🗴 i {} 5 ⊕ □ i Java

◆ Autocomplete Description 1 v class Solution {
2 v public int[] distinctNumbers(int[] nums, int k) { 1852. Distinct Numbers in Each Subarray Medium ௴ 54 ♀ 2 ♡ Add to List ௴ Share Given an integer array nums and an integer k, you are asked to construct the array ans of size nk+1 where ans[i] is the number of **distinct** numbers in the subarray nums[i:i+k-1] = [nums[i], $nums[i+1], \ldots, nums[i+k-1]].$ Return the array ans. Example 1: **Input:** nums = [1,2,3,2,2,1,3], k = 3 Output: [3,2,2,2,3] Explanation: The number of distinct elements in each subarray goes as follows: - nums[0:2] = [1,2,3] so ans[0] = 3- nums[1:3] = [2,3,2] so ans[1] = 2- nums[2:4] = [3,2,2] so ans[2] = 2- nums[3:5] = [2,2,1] so ans[3] = 2- nums[4:6] = [2,1,3] so ans[4] = 3

Example 2: **Input:** nums = [1,1,1,1,2,3,4], k = 4 **Output:** [1,2,3,4] Explanation: The number of distinct elements in each subarray goes as follows: - nums[0:3] = [1,1,1,1] so ans[0] = 1- nums[1:4] = [1,1,1,2] so ans[1] = 2- nums[2:5] = [1,1,2,3] so ans[2] = 3- nums[3:6] = [1,2,3,4] so ans[3] = 4**Constraints:** • 1 <= k <= nums.length <= 10^5 • 1 <= nums[i] <= 10^5 Accepted 2,669 Submissions 3,600 Seen this question in a real interview before? Yes No

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The answer to each window is the size of the map.

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