←(/) Explore Problems(/problemset/all/) Mock(/interview/) Contest Discuss(/discuss/) Storedata=eyJ1cmwiOiAiaHR0cHM6Ly9sZWV0Y29kZS5jb20vZGlzY3Vzcy9nZW!

## 5704. Maximum Score of a Good Subarray

My Submissions (/contest/weekly-contest-232/problems/maximum-score-of-a-good-subarray/submissions/) Back to Contest (/contest/weekly-contest-232/) You are given an array of integers  $\mbox{ nums }$  (0-indexed) and an integer  $\mbox{ }k$  . User Accepted: 0 The **score** of a subarray (i, j) is defined as min(nums[i], nums[i+1], ..., nums[j]) \* <math>(j - i + 1). A **good** User Tried: 0 subarray is a subarray where  $i \le k \le j$ . Return the maximum possible score of a good subarray. Total Accepted: 0 **Total Submissions:** 0 Example 1: Difficulty: (Hard) **Input:** nums = [1,4,3,7,4,5], k = 3 **Output:** 15

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Example 2:
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Input: nums = [5,5,4,5,4,1,1,1], k = 0
Output: 20
Explanation: The optimal subarray is (0, 4) with a score of min(5,5,4,5,4) * (4-0+1) = 4 * 5 = 20.
```

**Explanation:** The optimal subarray is (1, 5) with a score of min(4,3,7,4,5) \* (5-1+1) = 3 \* 5 = 1

## Constraints:

- 1 <= nums.length <= 10<sup>5</sup>
- $1 \le nums[i] \le 2 * 10^4$
- 0 <= k < nums.length

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JavaScript
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                         1 • /**
                         2
                                                                           * @param {number[]} nums
                                                                           * @param {number} k
                         3
                                                                           * @return {number}
                            5
                            6 var maximumScore = function(nums, k) {
                            8
                                                          };
□ Custom Testcase
                                                                                                                                                                                                                                                  Use Example Testcases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Run

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