

Description

Solution

Submissions

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Python

Autocomplete

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1121. Divide Array Into Increasing Sequences

Hard 50 17 Add to List Share

Given a **non-decreasing** array of positive integers `nums` and an integer `k`, find out if this array can be divided into one or more **disjoint increasing subsequences of length at least `k`**.

Example 1:

Input: `nums = [1,2,2,3,3,4,4]`, `K = 3`Output: `true`

Explanation:

The array can be divided into the two subsequences `[1,2,3,4]` and `[2,3,4]` with lengths at least 3 each.

Example 2:

Input: `nums = [5,6,6,7,8]`, `K = 3`Output: `false`

Explanation:

There is no way to divide the array using the conditions required.

Note:

1. `1 <= nums.length <= 10^5`
2. `1 <= K <= nums.length`
3. `1 <= nums[i] <= 10^5`

Accepted 2,492

Submissions 4,424

```
1 class Solution(object):
2     def canDivideIntoSubsequences(self, nums, K):
3         """
4         :type nums: List[int]
5         :type K: int
6         :rtype: bool
7         """
8
```

Console

Contribute

Problems

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Run Code

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