

Problem List

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Test Result

768. Max Chunks To Make Sorted II

Solved

Hard

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Hint

You are given an integer array `arr`.

We split `arr` into some number of **chunks** (i.e., partitions), and individually sort each chunk. After concatenating them, the result should equal the sorted array.

Return *the largest number of chunks we can make to sort the array*.

Example 1:

Input:

`arr = [5,4,3,2,1]`

Output:

1

Explanation:

Splitting into two or more chunks will not return the required result.
For example, splitting into [5, 4], [3, 2, 1] will result in [4, 5, 1, 2, 3], which isn't sorted.

Example 2:

Input:

`arr = [2,1,3,4,4]`

Output:

4

Explanation:

We can split into two chunks, such as [2, 1], [3, 4, 4].
However, splitting into [2, 1], [3], [4], [4] is the highest number of chunks possible.

Constraints:

•

`1 <= arr.length <= 2000`

•

`0 <= arr[i] <= 108`

Seen this question in a real interview before?

1/5

Yes

No

Accepted

69.7K

Submissions

130.3K

Acceptance Rate

53.5%

Topics

Array

Stack

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Hint 1

Each k for which some permutation of `arr[k]` is equal to `sorted(arr)[k]` is where we should cut each chunk.

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Max Chunks To Make Sorted

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1.9K

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