

LeetCode

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LeetCode Coding Challenge + GIVEAWAY!

Description

Solution

Discuss (999+)

Submissions

Java

Autocomplete

1306. Jump Game III

Medium

2245

54

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Given an array of non-negative integers `arr` , you are initially positioned at `start` index of the array. When you are at index `i` , you can jump to `i + arr[i]` or `i - arr[i]` , check if you can reach to **any** index with value 0.

Notice that you can not jump outside of the array at any time.

Example 1:

Input:

arr = [4,2,3,0,3,1,2], start = 5

Output:

true

Explanation:

All possible ways to reach at index 3 with value 0 are:
index 5 -> index 4 -> index 1 -> index 3
index 5 -> index 6 -> index 4 -> index 1 -> index 3

Example 2:

Input:

arr = [4,2,3,0,3,1,2], start = 0

Output:

true

Explanation:

One possible way to reach at index 3 with value 0 is:
index 0 -> index 4 -> index 1 -> index 3

Example 3:

Input:

arr = [3,0,2,1,2], start = 2

Output:

false

Explanation:

There is no way to reach at index 1 with value 0.

Constraints:

•

1 <= arr.length <= 5 * 10⁴

•

0 <= arr[i] < arr.length

•

0 <= start < arr.length

Accepted

122,378

Submissions

195,473

Seen this question in a real interview before?

Yes

No

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Show Hint 1

Show Hint 2

1

class Solution {

2

public boolean canReach(int[] arr, int start) {

3

4

}

5

}

Problems

Pick One

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1306/2094

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Console

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https://leetcode.com/problems/jump-game-iii/

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