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Is Array Sorted

Easy

Accuracy: 31.45%

Submissions: 20K+

Points: 2

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Given an array **a[]** of size **N**. The task is to check if array is sorted or not. A sorted array can either be increasingly sorted or decreasingly sorted. Also consider duplicate elements to be sorted.

Example 1:

Input:

N = 5
a[] = {1 1 2 2 3}

Output: 1

Example 2:

Input:

N = 2
a[] = {4 2}

Output: 1

Python3

Average Time: 15m

Start Timer

1

#User function Template for python3

2

3

class Solution:

4

def isSorted(self,arr,n):

5

6

inc=1

7

d=1

8

9

for i,e in enumerate(arr[:n-1]):

10

if arr[i+1]>=arr[i]:

11

continue

12

else:

13

inc=0

14

break

15

for i,e in enumerate(arr[:n-1]):

16

if arr[i+1]<=arr[i]:

17

continue

18

else:

19

d=0

20

break

21

22

if inc or d:

23

return 1

24

else:

25

return 0

26

27

28

29

} Driver Code Ends

Custom Input

Compile & Run

Submit