AlgoExpert Quad Layout Python 12px Sublime Monokai 00:00:00

Prompt Scratchpad Our Solution(s) Video Explanation Run Code

Solution 1 Solution 2

```
1 \, # Copyright @ 2020 AlgoExpert, LLC. All rights reserved.
 3 # O(n^2) time | O(n^2) space - where n is the number of
 4 # nodes in each array, respectively
 def sameBsts(arrayOne, arrayTwo):
    if len(arrayOne) != len(arrayTwo):
           return False
        if len(arrayOne) == 0 and len(arrayTwo) == 0:
9
10
            return True
11
        if arrayOne[0] != arrayTwo[0]:
12
13
           return False
14
15
        leftOne = getSmaller(arrayOne)
16
        leftTwo = getSmaller(arrayTwo)
17
        rightOne = getBiggerOrEqual(arrayOne)
18
        rightTwo = getBiggerOrEqual(arrayTwo)
19
20
        return sameBsts(leftOne, leftTwo) and sameBsts(rightOne, rightTwo)
21
22
23 def getSmaller(array):
        smaller = []
24
25
        for i in range(1, len(array)):
26
           if array[i] < array[0]:</pre>
27
               smaller.append(array[i])
28
        return smaller
29
30
31 def getBiggerOrEqual(array):
        biggerOrEqual = []
32
33
        for i in range(1, len(array)):
34
            if array[i] >= array[0]:
               biggerOrEqual.append(array[i])
35
        return biggerOrEqual
36
```