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Mock Test > andresdev@gmail.com

Full

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Test Mock Test

Name:

Taken 2 Jul 2022 01:48:45 IST

On:

Time 6 min 20 sec/ 10 min

Taken:

Resume: https://hackerrank-resumes.s3.amazonaws.com/286837/eXpld-

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Invited Ankush

by:

Invited 2 Jul 2022 01:48:35 IST

on:

Skills Score:

Tags Score: Algorithms 105/105

Core CS 105/105

Easy 105/105

Problem Solving 105/105

Search 105/105

Sorting 105/105

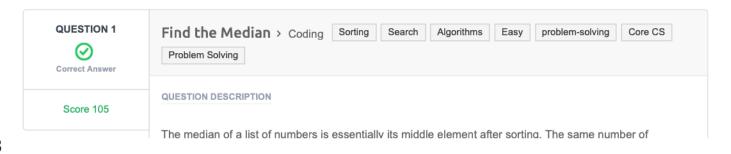
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problem-solving

Recruiter/Team Comments:

No Comments.





100% 105/105

scored in **Mock Test** in 6 min 20 sec on 2 Jul 2022 01:48:45 IST

1/3

elements occur after it as before. Given a list of numbers with an odd number of elements, find the median?

Example

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

The sorted array arr' = [1, 2, 3, 4, 5]. The middle element and the median is 3.

Function Description

Complete the findMedian function in the editor below.

findMedian has the following parameter(s):

int arr[n]: an unsorted array of integers

Returns

· int: the median of the array

Input Format

The first line contains the integer n, the size of arr.

The second line contains $m{n}$ space-separated integers $m{arr}[m{i}]$

Constraints

- $1 \le n \le 1000001$
- n is odd
- $-10000 \le arr[i] \le 10000$

Sample Input 0

```
7
0 1 2 4 6 5 3
```

Sample Output 0

3

Explanation 0

The sorted arr = [0, 1, 2, 3, 4, 5, 6]. It's middle element is at arr[3] = 3.

CANDIDATE ANSWER

Language used: Python 3

```
1 #
2 # Complete the 'findMedian' function below.
3 #
4 # The function is expected to return an INTEGER.
5 # The function accepts INTEGER ARRAY arr as parameter.
6 #
7
8 def findMedian(arr):
9
      m = int(len(arr)/2)
      arr.sort()
      return str(arr[m])
12
13
      # Write your code here
14
15
```

TESTCASE DIFFICULTY TYPE STATUS SCORE TIME TAKEN MEMORY USED

Testcase 1	Easy	Sample case	Success	0	0.069 sec	9.45 KB
Testcase 2	Easy	Hidden case	Success	35	0.1072 sec	10 KB
Testcase 3	Easy	Hidden case	Success	35	0.0908 sec	10.2 KB
Testcase 4	Easy	Hidden case	Success	35	0.119 sec	21 KB
No Comments						

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