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Test Name:

**Mock Test** 

Taken On:

17 Apr 2023 22:10:17 IST

Time Taken:

4 min 10 sec/ 10 min

Invited by:

Ankush

Invited on:

17 Apr 2023 22:03:53 IST

Skills Score:

Tags Score:

Algorithms 105/105

Core CS 105/105

Easy 105/105

Problem Solving 105/105

Search 105/105 Sorting 105/105

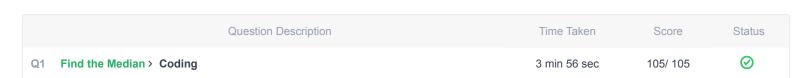
problem-solving 105/105

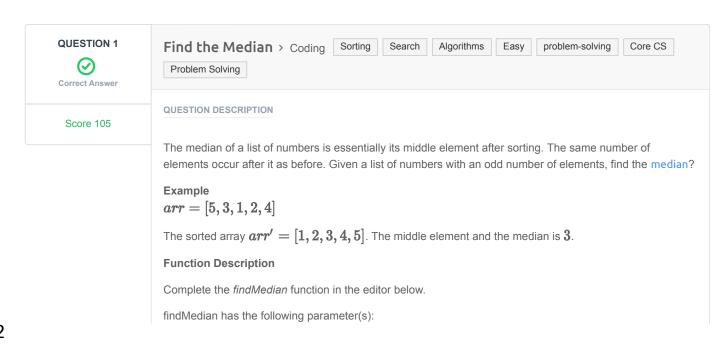
100% 105/105

scored in **Mock Test** in 4 min 10 sec on 17 Apr 2023 22:10:17 IST

## **Recruiter/Team Comments:**

No Comments.





• 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  $m{arr}[i]$ 

#### **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: C++14

```
1
2  /*
3  * Complete the 'findMedian' function below.
4  *
5  * The function is expected to return an INTEGER.
6  * The function accepts INTEGER_ARRAY arr as parameter.
7  */
8
9 int findMedian(vector<int> arr) {
    sort(arr.begin(),arr.end());
    int size=arr.size();
    return arr[size/2];
13 }
14
```

TESTCASE	DIFFICULTY	TYPE	STATUS	SCORE	TIME TAKEN	MEMORY USED
Testcase 1	Easy	Sample case	Success	0	0.0334 sec	8.96 KB
Testcase 2	Easy	Hidden case	Success	35	0.0281 sec	9.08 KB
Testcase 3	Easy	Hidden case	Success	35	0.0509 sec	9.12 KB
Testcase 4	Easy	Hidden case	Success	35	0.0493 sec	13.2 KB

No Comments