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Test Name:

**Mock Test** 

Taken On:

24 Jul 2023 07:38:17 IST

6 min 9 sec/ 10 min

Time Taken: Invited by:

Ankush

Invited on:

24 Jul 2023 07:38:08 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

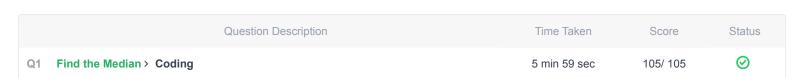
problem-solving 105/105

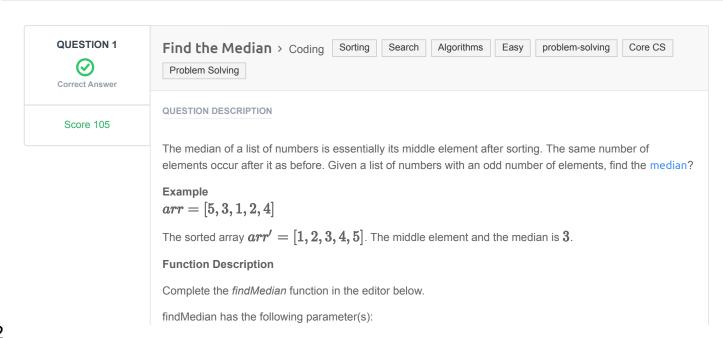
100% 105/105

scored in **Mock Test** in 6 min 9 sec on 24 Jul 2023 07:38:17 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**

- $1 \le n \le 1000001$
- $\it{n}$  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

```
# Complete the 'findMedian' function below.

# # The function is expected to return an INTEGER.

# The function accepts INTEGER_ARRAY arr as parameter.

# def findMedian(arr):

sorted_list = sorted(arr)

lenarr = len(arr) // 2

return sorted_list[lenarr]
```

TESTCASE	DIFFICULTY	TYPE	STATUS	SCORE	TIME TAKEN	MEMORY USED
Testcase 1	Easy	Sample case	Success	0	0.0563 sec	10.5 KB
Testcase 2	Easy	Hidden case	Success	35	0.0867 sec	11.4 KB
Testcase 3	Easy	Hidden case	Success	35	0.0511 sec	11.8 KB
Testcase 4	Easy	Hidden case	Success	35	0.1127 sec	22.3 KB

No Comments