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Test Name: **Mock Test** 

27 May 2022 23:59:24 IST Taken On: Time Taken: 8 min 30 sec/ 10 min

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Invited by: Ankush

27 May 2022 23:58:58 IST Invited on:

Skills Score:

Tags Score: Algorithms 105/105 Core CS 105/105

105/105 Easy

Problem Solving 105/105

105/105 Search 105/105 Sorting

problem-solving 105/105

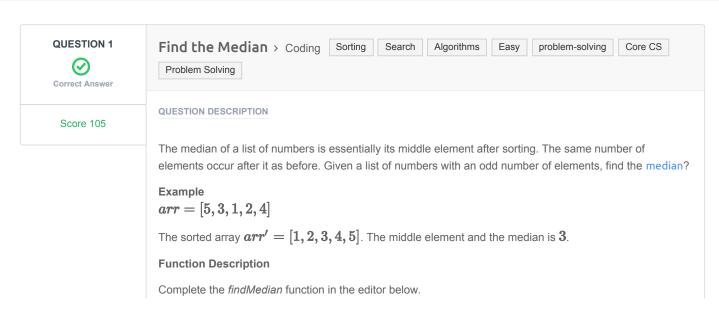
100% 105/105

scored in Mock Test in 8 min 30 sec on 27 May 2022 23:59:24 IST

#### **Recruiter/Team Comments:**

No Comments.





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

```
# Complete the 'findMedian' function below.
# The function is expected to return an INTEGER.
# The function accepts INTEGER_ARRAY arr as parameter.
# import math

def findMedian(arr):
# Write your code here
arr.sort()
return arr[math.floor(len(arr)/2)]
```

TESTCASE	DIFFICULTY	TYPE	STATUS	SCORE	TIME TAKEN	MEMORY USED
Testcase 1	Easy	Sample case	Success	0	0.0638 sec	9.37 KB
Testcase 2	Easy	Hidden case	Success	35	0.0598 sec	9.89 KB
Testcase 3	Easy	Hidden case	Success	35	0.0682 sec	10.2 KB
Testcase 4	Easy	Hidden case	Success	35	0.1444 sec	21 KB

No Comments