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Test Name:

**Mock Test** 

Taken On:

13 Dec 2023 21:46:43 IST

Time Taken:

8 min 59 sec/ 15 min

Invited by:

Ankush

Invited on:

13 Dec 2023 21:40:23 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

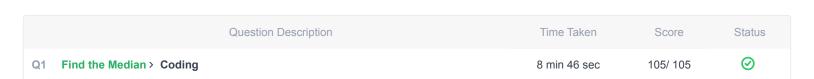
problem-solving 105/105

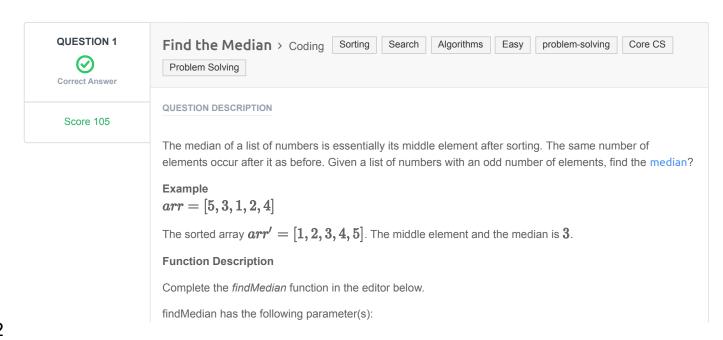
100% 105/105

scored in **Mock Test** in 8 min 59 sec on 13 Dec 2023 21:46:43 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 n space-separated integers 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

```
#
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  def findMedian(arr):
10  arr = sorted(arr)
11  return arr[(len(arr) // 2)]
```

TESTCASE	DIFFICULTY	TYPE	STATUS	SCORE	TIME TAKEN	MEMORY USED
Testcase 1	Easy	Sample case	Success	0	0.0202 sec	10.4 KB
Testcase 2	Easy	Hidden case	Success	35	0.025 sec	11.5 KB
Testcase 3	Easy	Hidden case	Success	35	0.024 sec	11.9 KB
Testcase 4	Easy	Hidden case	Success	35	0.0513 sec	22 KB

No Comments