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Test Name:

**Mock Test** 

Taken On:

17 Jun 2022 19:10:25 IST

Time Taken:

3 min 7 sec/ 10 min

Invited by:

Ankush

Invited on:

17 Jun 2022 19:10:02 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

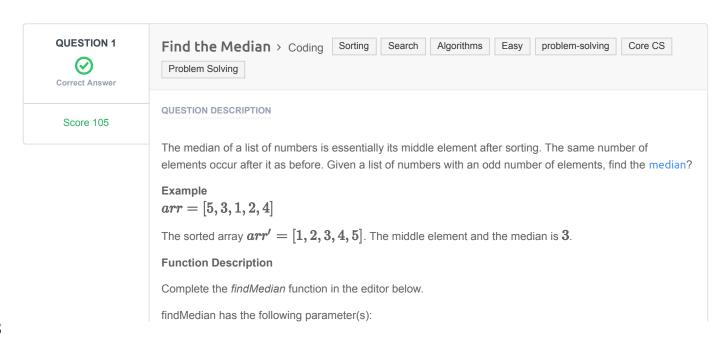
100% 105/105

scored in **Mock Test** in 3 min 7 sec on 17 Jun 2022 19:10:25 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**

- $1 \le n \le 1000001$
- $oldsymbol{\cdot}$   $oldsymbol{n}$  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
```

```
#
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  # Write your code here
10
11  arr.sort()
12  lenis = int(len(arr)/2)
13
14  return(arr[lenis])
15
16
17
18
```

TESTCASE	DIFFICULTY	TYPE	STATUS	SCORE	TIME TAKEN	MEMORY USED
Testcase 1	Easy	Sample case	Success	0	0.064 sec	9.36 KB
Testcase 2	Easy	Hidden case	Success	35	0.0652 sec	9.95 KB
Testcase 3	Easy	Hidden case	Success	35	0.0928 sec	10.2 KB
Testcase 4	Easy	Hidden case	Success	35	0.1051 sec	21 KB

No Comments

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