



Full Name: Jared King

Email: jared.king@yale.edu

Test Name: Mock Test

Taken On: 30 Dec 2022 09:00:51 IST

Time Taken: 2 min 34 sec/ 10 min

Invited by: Ankush

Invited on: 30 Dec 2022 07:12:28 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

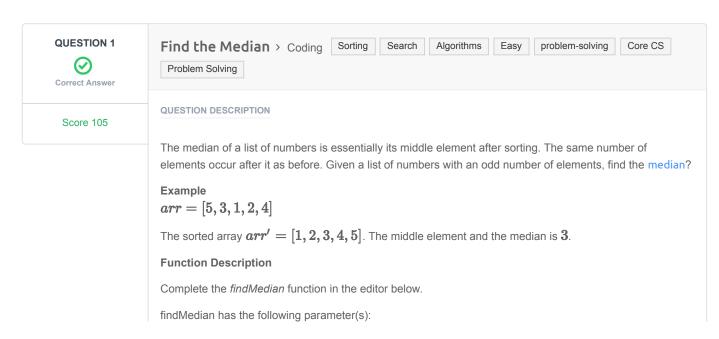
100% 105/105

scored in **Mock Test** in 2 min 34 sec on 30 Dec 2022 09:00:51 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
```

```
1 #
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 arr.sort()
10 n = len(arr) //2
11 return arr[n]
```

TESTCASE	DIFFICULTY	TYPE	STATUS	SCORE	TIME TAKEN	MEMORY USED
Testcase 1	Easy	Sample case	Success	0	0.0688 sec	9.26 KB
Testcase 2	Easy	Hidden case	Success	35	0.0908 sec	9.91 KB
Testcase 3	Easy	Hidden case	Success	35	0.0636 sec	10.2 KB
Testcase 4	Easy	Hidden case	Success	35	0.0733 sec	20.9 KB

No Comments