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Test Name: Mock Test

 Taken On:
 8 Nov 2022 01:21:50 IST

 Time Taken:
 6 min 20 sec/ 15 min

Invited by: Ankush

Invited on: 7 Nov 2022 20:09:42 IST

Skills Score:

Full Name:

 Tags Score:
 Algorithms
 105/105

 Core CS
 105/105

Easy 105/105

gian könig

Problem Solving 105/105

Search 105/105 Sorting 105/105

problem-solving 105/105

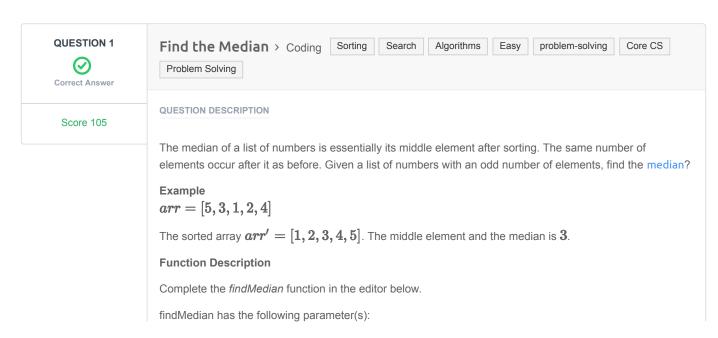
100% 105/105

scored in **Mock Test** in 6 min 20 sec on 8 Nov 2022 01:21:50 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

- $1 \le n \le 1000001$
- *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
    median = 0
    arr.sort()
    n = len(arr)
    median = arr[math.floor(n/2)]
    return median
```

TESTCASE	DIFFICULTY	TYPE	STATUS	SCORE	TIME TAKEN	MEMORY USED
Testcase 1	Easy	Sample case	Success	0	0.0603 sec	9.17 KB
Testcase 2	Easy	Hidden case	Success	35	0.0587 sec	9.79 KB
Testcase 3	Easy	Hidden case	Success	35	0.0985 sec	10.2 KB
Testcase 4	Easy	Hidden case	Success	35	0.1225 sec	21 KB

No Comments