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Test Name:

Mock Test

Ankush

Taken On:

28 Sep 2023 10:56:10 IST

Time Taken:

5 min 28 sec/ 10 min

Invited by: Invited on:

28 Sep 2023 10:55:57 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

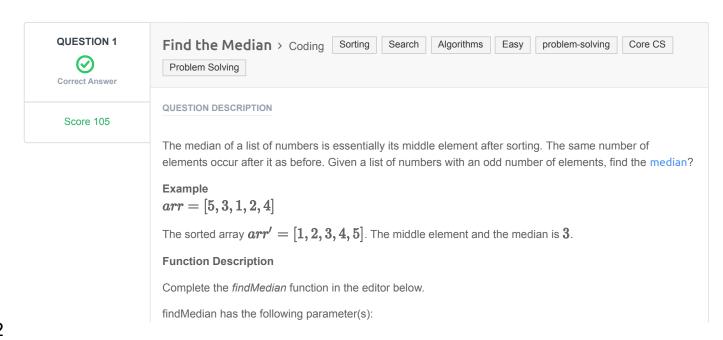
100% 105/105

scored in **Mock Test** in 5 min 28 sec on 28 Sep 2023 10:56:10 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
9  def findMedian(arr):
    print(1)
11  mid_index = len(arr) // 2
12  arr.sort()
13  return arr[mid_index]
```

TESTCASE	DIFFICULTY	TYPE	STATUS	SCORE	TIME TAKEN	MEMORY USED
Testcase 1	Easy	Sample case	Success	0	0.069 sec	10.6 KB
Testcase 2	Easy	Hidden case	Success	35	0.072 sec	11.4 KB
Testcase 3	Easy	Hidden case	Success	35	0.0978 sec	11.8 KB
Testcase 4	Easy	Hidden case	Success	35	0.101 sec	22 KB

No Comments