

Mock Test > mulikdivya1@gmail.com

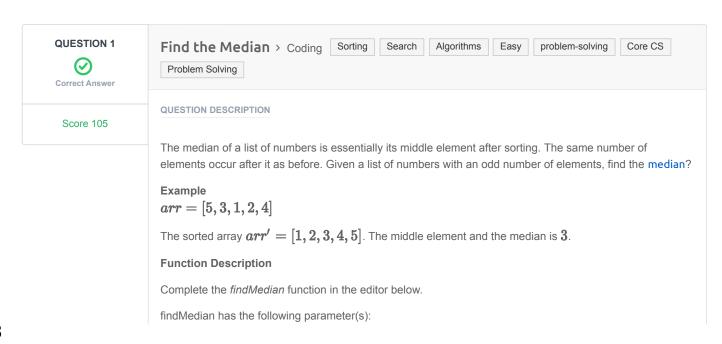
Full Name: Divya Mulik Email: mulikdivya1@gmail.com Test Name: **Mock Test** Taken On: 13 Jan 2024 15:26:25 IST Time Taken: 8 min 27 sec/ 10 min Invited by: Ankush Invited on: 13 Jan 2024 15:16:59 IST Skills Score: Tags Score: Algorithms 105/105 Core CS 105/105 Easy 105/105 Problem Solving 105/105 Search 105/105 105/105 Sorting problem-solving 105/105



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: PyPy3

```
1
2 #
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):
10  # Write your code here
11
12 arr.sort()
13 n= len(arr)
14
15 med=int(n/2)
16
17 return arr[med]
18
19
```

TESTCASE	DIFFICULTY	TYPE	STATUS	SCORE	TIME TAKEN	MEMORY USED
Testcase 1	Easy	Sample case	Success	0	0.1412 sec	64.9 KB
Testcase 2	Easy	Hidden case	Success	35	0.1098 sec	66.1 KB
Testcase 3	Easy	Hidden case	Success	35	0.0815 sec	66.2 KB
Testcase 4	Easy	Hidden case	Success	35	0.349 sec	76.6 KB

No Comments

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