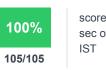


Mock Test > gio.acireale@gmail.com

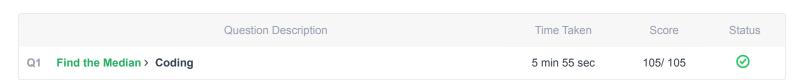
Full Name: Giovanni Acireale Email: gio.acireale@gmail.com Test Name: **Mock Test** Taken On: 19 Jan 2025 06:26:10 IST 6 min 9 sec/ 10 min Time Taken: Invited by: Ankush 19 Jan 2025 06:26:02 IST Invited on: Skills Score: Tags Score: Algorithms 105/105 Core CS 105/105 Easy 105/105 Problem Solving 105/105 Search 105/105 105/105 Sorting problem-solving 105/105

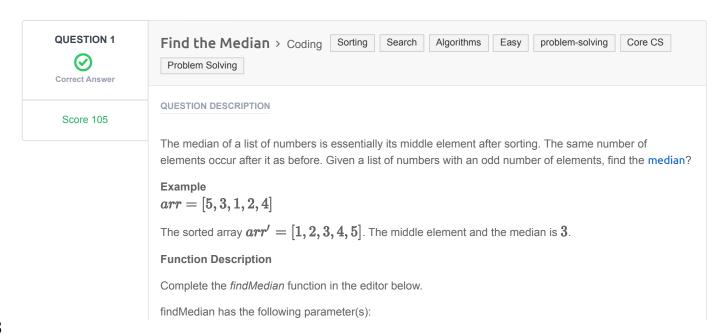


scored in **Mock Test** in 6 min 9 sec on 19 Jan 2025 06:26:10 IST

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 $m{n}$ space-separated integers $m{arr}[i]$

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: C#

```
2 class Result
 3 {
 4
      * Complete the 'findMedian' function below.
 8
      * The function is expected to return an INTEGER.
      * The function accepts INTEGER_ARRAY arr as parameter.
 9
       */
     public static int findMedian(List<int> arr)
14
          // find the median of the list arr
          // n is always odd
          // we can do this by sorting the list and returning the middle
17 element
         arr.Sort();
          return arr[arr.Count / 2];
     }
23 }
```

TESTCASE	DIFFICULTY	TYPE	STATUS	SCORE	TIME TAKEN	MEMORY USED
Testcase 1	Easy	Sample case	Success	0	0.0483 sec	24.4 KB
Testcase 2	Easy	Hidden case	Success	35	0.0498 sec	25.4 KB
	_		_			

	Testcase 3	Easy	Hidden case	Success	35	0.0523 sec	25.5 KB		
	Testcase 4	Easy	Hidden case	Success	35	0.0586 sec	33.7 KB		
No Comments									

PDF generated at: 19 Jan 2025 01:03:44 UTC