

Mock Test > wangyuxuan73@gmail.com

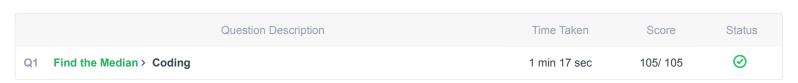
Full Name: Yuxuan Wang Email: wangyuxuan73@gmail.com Test Name: **Mock Test** Taken On: 13 Feb 2025 00:10:24 IST Time Taken: 1 min 27 sec/ 10 min Invited by: Ankush 13 Feb 2025 00:09:53 IST Invited on: Skills Score: Tags Score: Algorithms 105/105 Core CS 105/105 Easy 105/105 Problem Solving 105/105 Search 105/105

100% 105/105

scored in **Mock Test** in 1 min 27 sec on 13 Feb 2025 00:10:24 IST

Recruiter/Team Comments:

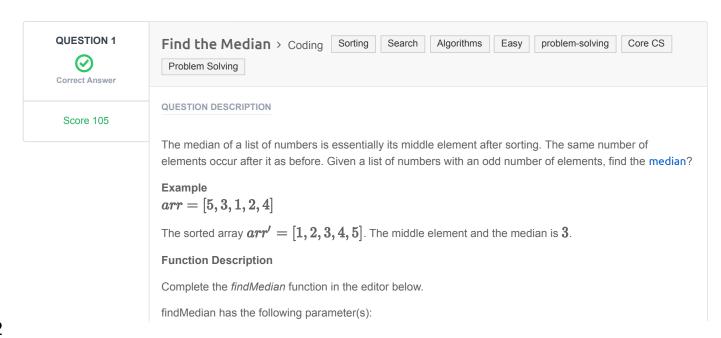
No Comments.



105/105

problem-solving 105/105

Sorting



• *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):
10  # Write your code here
11  arr.sort()
12  return arr[int(len(arr) / 2)]
```

TESTCASE	DIFFICULTY	TYPE	STATUS	SCORE	TIME TAKEN	MEMORY USED
Testcase 1	Easy	Sample case	Success	0	0.025 sec	10.8 KB
Testcase 2	Easy	Hidden case	Success	35	0.0256 sec	11.3 KB
Testcase 3	Easy	Hidden case	Success	35	0.0262 sec	11.6 KB
Testcase 4	Easy	Hidden case	Success	35	0.0694 sec	19.9 KB

No Comments