



Dashboard > Algorithms > Sorting > Find the Median

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Find the Median

by HackerRank

Problem

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Given a list of numbers, can you find the median?

Input Format

There will be two lines of input:

- n - the size of the array
- ar - n numbers that makes up the array

Constraints

- $1 \leq n \leq 1000001$
- n is odd
- $-10000 \leq x \leq 10000, x \in ar$

Output Format

Output one integer, the median.

Sample Input 0

```
7
0 1 2 4 6 5 3
```

Sample Output 0

```
3
```

[f](#) [t](#) [in](#)Submissions: [24948](#)

Max Score: 35

Difficulty: Easy

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Current Buffer (saved locally, editable)

C++14



```
1 #include <cmath>
2 #include <cstdio>
3 #include <vector>
4 #include <iostream>
5 #include <algorithm>
6 using namespace std;
7
8
9 int main() {
10     /* Enter your code here. Read input from STDIN. Print output to STDOUT */
11     return 0;
12 }
13
```

Line: 1 Col: 1

[Upload Code as File](#) ☐ Test against custom input

Run Code

Submit Code

