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Closest Element(Zoho Question)

Problem	Submissions	Leaderboard	Discussions

Find the array element which is closest to the average.

Example:

Input: 7 12 4 18 27 37

Output: 18

Explanation: Average of the array elements is 17. Array Element closest to the average is 18.

NOTE: Average value is Integer (18.9 -> 18). Array elements are 12,14,19,21. Average is 16. then you should print 14(output) not 19. If two Closest Elements are there, you should print lesser value.

Input Format

N, Array -> Integer

Constraints

1<=N<=1000

-10000<=Array[i]<=10000

Output Format

Print the closest element.

Sample Input 0

```
5
1 2 3 4 5
```

Sample Output 0

```
3
```

Sample Input 1

```
6
7 12 4 18 27 37
```

Sample Output 1

```
18
```

f   y   in

Submissions: 41
Max Score: 100
Difficulty: Medium

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More

```
C                                      ⤢    ⚙

1  ▼#include <stdio.h>
2   #include <string.h>
3   #include <math.h>
4   #include <stdlib.h>
5
6  ▼int main() {
7
8  ▼    /* Enter your code here. Read input from STDIN. Print output to STDOUT */
9       return 0;
10  }
11
```

Line: 1 Col: 1

⬆ Upload Code as File   ☐ Test against custom input   Run Code   Submit Code

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