

1491. Average Salary Excluding the Minimum and Maximum Salary

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You are given an array of **unique** integers `salary` where `salary[i]` is the salary of the i^{th} employee.

Return *the average salary of employees excluding the minimum and maximum salary*. Answers within 10^{-5} of the actual answer will be accepted.

Example 1:

Input: `salary = [4000,3000,1000,2000]`

Output: `2500.00000`

Explanation: Minimum salary and maximum salary are 1000 and 4000 respectively.
Average salary excluding minimum and maximum salary is $(2000+3000) / 2 = 2500$

Example 2:

Input: `salary = [1000,2000,3000]`

Output: `2000.00000`

Explanation: Minimum salary and maximum salary are 1000 and 3000 respectively.
Average salary excluding minimum and maximum salary is $(2000) / 1 = 2000$

Constraints:

- $3 \leq \text{salary.length} \leq 100$
- $1000 \leq \text{salary}[i] \leq 10^6$
- All the integers of `salary` are **unique**.

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Seen this question in a real interview before?

Yes

No

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```
1  class Solution {
2      public double average(int[] salary) {
3
4          int length = salary.length;
5          double sum = 0d;
6          int min = Integer.MAX_VALUE;
7          int max = Integer.MIN_VALUE;
8
9          for(int i = 0; i < length; i++){
10             if(salary[i] > max)
11                 max = salary[i];
12             if(salary[i] < min)
13                 min = salary[i];
14
15             sum += salary[i];
16         }
17
18         sum = sum - min - max;
19
20         return sum / (length - 2);
21     }
22 }
```

Accepted	Runtime: 0 ms	?
Your input	<input type="text" value="[4000,3000,1000,2000]"/>	
Output	<input type="text" value="2500.00000"/>	<input type="checkbox"/> Diff
Expected	<input type="text" value="2500.00000"/>	