5122. Mean of Array After Removing Some Elements

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Given an integer array arr, return the mean of the remaining integers after removing the smallest 5% and the largest 5% of the elements.

Answers within 10^{-5} of the **actual answer** will be considered accepted.

User Accepted: 0 User Tried: 0 **Total Accepted:** 0 **Total Submissions:** 0 Difficulty: (Easy)

Example 1:

Input: arr = [1,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,3]

Output: 2.00000

Explanation: After erasing the minimum and the maximum values of this array, all elements

Example 2:

```
Input: arr = [6,2,7,5,1,2,0,3,10,2,5,0,5,5,0,8,7,6,8,0]
Output: 4.00000
```

Example 3:

```
Input: arr = [6,0,7,0,7,5,7,8,3,4,0,7,8,1,6,8,1,1,2,4,8,1,9,5,4,3,8,5,10,8,6,6,1,0,6,10,8,2,3,4]
Output: 4.77778
```

Example 4:

Input: arr = [9,7,8,7,7,8,4,4,6,8,8,7,6,8,8,9,2,6,0,0,1,10,8,6,3,3,5,1,10,9,0,7,10,0,10,4,1,10,6,9,3,6,0,0,2,7,0,6,7,2,9,7 Output: 5.27778

Example 5:

Input: arr = [4,8,4,10,0,7,1,3,7,8,8,3,4,1,6,2,1,1,8,0,9,8,0,3,9,10,3,10,1,10,7,3,2,1,4,9,10,7,6,4,0,8,5,1,2,1,6,2,5,0,7,1]Output: 5.29167

Constraints:

- 20 <= arr.length <= 1000
- arr.length is a multiple of 20.
- $0 \le arr[i] \le 10^5$

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JavaScript
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1 • /**
2
     * @param {number []} arr
     * @return {number}
 3
5 var trimMean = function(arr) {
6
 7
   };
```