1619. Mean of Array After Removing Some Elements

Description

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.

Example 1:

```
Input: arr = [1,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,3]
Output: 2.00000
Explanation: After erasing the minimum and the maximum values of this array, all elements are equal to 2, so the mean is 2.
```

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
```

Constraints:

- `20 <= arr.length <= 1000`
- `arr.length` **is a multiple** of `20`.
- `0 <= arr[i] <= 10 5`