644. Maximum Average Subarray II

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Given an array consisting of `n` integers, find the contiguous subarray whose **length is greater than or equal to** `k` that has the maximum average value. And you need to output the maximum average value.

Example 1:

```
Input: [1,12,-5,-6,50,3], k = 4
Output: 12.75
Explanation:
when length is 5, maximum average value is 10.8,
when length is 6, maximum average value is 9.16667.
Thus return 12.75.
```

Note:

1. 1 <= `k` <= `n` <= 10,000.
2. Elements of the given array will be in range [-10,000, 10,000].
3. The answer with the calculation error less than 10^{-5} will be accepted.

Discuss

User Accepted:	128
User Tried:	671
Total Accepted:	131
Total Submissions:	1973
Difficulty:	Hard