

Input: arr = [2,2,2,2,5,5,5,8], k = 3, threshold = 4

Output: 3

Explanation: Sub-arrays [2,5,5], [5,5,5] and [5,5,8] have averages 4, 5 and 6 respectively. All other sub-arrays of size 3 have averages less than 4 (the threshold).

$n=8$, $i = 0, 1, 2, 3, 4, 5$
 $k=3$ arr = 2, 2, 2, 2, 5, 5, 5, 8
sum = 2 + 2 + 2 + 2 + 5 + 5 + 5 + 8

avg = 2, 2, 3, 4, 5, 6

count = (4, 5, 6)

j = 0, 1, 2, 3, 4, 5, 6

return count;

int avg; count = 0; sum = 0; $0 \rightarrow$

for (i = 0; i < k-1; i++)
sum += arr[i]; }

for (i = k-1; i < n; i++)
sum += arr[i];

avg = sum/k;

if (avg >= TH) c++;

sum -= arr[i];

3