Given an array of integers arr and two integers k and threshold.

Return *the number of sub-arrays* of size k and average greater than or equal to threshold.

**Example 1:**

**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).

**Example 2:**

**Input:** arr = [1,1,1,1,1], k = 1, threshold = 0

**Output:** 5

**Example 3:**

**Input:** arr = [11,13,17,23,29,31,7,5,2,3], k = 3, threshold = 5

**Output:** 6

**Explanation:** The first 6 sub-arrays of size 3 have averages greater than 5. Note that averages are not integers.

**Example 4:**

**Input:** arr = [7,7,7,7,7,7,7], k = 7, threshold = 7

**Output:** 1

**Example 5:**

**Input:** arr = [4,4,4,4], k = 4, threshold = 1

**Output:** 1

**Constraints:**

* 1 <= arr.length <= 10^5
* 1 <= arr[i] <= 10^4
* 1 <= k <= arr.length
* 0 <= threshold <= 10^4