Find the length of the longest substring ***T*** of a given string (consists of lowercase letters only) such that every character in ***T*** appears no less than *k* times.

**Example 1:**

Input:

s = "aaabb", k = 3

Output:

3

The longest substring is "aaa", as 'a' is repeated 3 times.

**Example 2:**

Input:

s = "ababbc", k = 2

Output:

5

The longest substring is "ababb", as 'a' is repeated 2 times and 'b' is repeated 3 times.