**Alice's Favorite Playlist**

**Example 1:**

| **Input** | **Output** |
| --- | --- |
| **Playlist**: abacaba | 2 |
| **Bracket Size**: 3 |  |

**Explanation:**

* The subarrays of size k=3 are: "aba", "bac", "aca", "cab", "aba".
* The occurrences of "a" in each subarray are:
  + "aba": 2 "a"s
  + "bac": 1 "a"
  + "aca": 2 "a"s
  + "cab": 1 "a"
  + "aba": 2 "a"s
* The maximum number of "a"s in any subarray of size k=3 is 2.

**Example 2:**

| **Input** | **Output** |
| --- | --- |
| **Playlist**: aaaaa | 2 |
| **Bracket Size**: 2 |  |

**Explanation:**

* The subarrays of size k=2 are: "aa", "aa", "aa", "aa".
* The occurrences of "a" in each subarray are:
  + "aa": 2 "a"s
  + "aa": 2 "a"s
  + "aa": 2 "a"s
  + "aa": 2 "a"s
* The maximum number of "a"s in any subarray of size k=2 is 2.

**Problem Statement:**

Alice loves listening to music, and she has a playlist of her favorite songs. She especially loves the song "a" and wants to know how many times it appears in any contiguous subarray (or "bracket") of a given size within her playlist.

Given a playlist as a string s consisting of lowercase letters and an integer k representing the size of the bracket, determine the maximum number of times the song "a" appears in any contiguous subarray of size k within the playlist.

**Input:**

* A string s representing Alice's playlist, where each character in the string is a song.
* An integer k representing the size of the subarray (bracket size).

**Output:**

* An integer representing the maximum number of times the song "a" appears in any contiguous subarray of size k.

**Constraints:**

* 1 <= k <= s.length()
* s consists of lowercase English letters.