

358. Rearrange String k Distance Apart

Description

Given a string `s` and an integer `k`, rearrange `s` such that the same characters are **at least** distance `k` from each other. If it is not possible to rearrange the string, return an empty string `""`.

Example 1:

Input: `s = "aabbcc", k = 3`

Output: `"abcabc"`

Explanation: The same letters are at least a distance of 3 from each other.

Example 2:

Input: `s = "aaabc", k = 3`

Output: `""`

Explanation: It is not possible to rearrange the string.

Example 3:

Input: `s = "aaadbbcc", k = 2`

Output: `"abacabcd"`

Explanation: The same letters are at least a distance of 2 from each other.

Constraints:

- `1 <= s.length <= 3 * 105`
- `s` consists of only lowercase English letters.
- `0 <= k <= s.length`

