358. Rearrange String k Distance Apart `Premium`

`Hard` 🏷 Topics 🏢 Companies

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 * 10`^{5}
- s consists of only lowercase English letters.
- `0 <= k <= s.length`

Seen this question in a real interview before?   1/5

`Yes` `No`

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🏢 **Companies**

0 - 3 months
Amazon ②   TikTok ②

0 - 6 months
Google ③

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