You are given a string s, and an array of pairs of indices in the string pairs where pairs[i] = [a, b] indicates 2 indices(0-indexed) of the string.

You can swap the characters at any pair of indices in the given pairs **any number of times**.

Return the lexicographically smallest string that s can be changed to after using the swaps.

**Example 1:**

**Input:** s = "dcab", pairs = [[0,3],[1,2]]

**Output:** "bacd"

**Explaination:**

Swap s[0] and s[3], s = "bcad"

Swap s[1] and s[2], s = "bacd"

**Example 2:**

**Input:** s = "dcab", pairs = [[0,3],[1,2],[0,2]]

**Output:** "abcd"

**Explaination:**

Swap s[0] and s[3], s = "bcad"

Swap s[0] and s[2], s = "acbd"

Swap s[1] and s[2], s = "abcd"

**Example 3:**

**Input:** s = "cba", pairs = [[0,1],[1,2]]

**Output:** "abc"

**Explaination:**

Swap s[0] and s[1], s = "bca"

Swap s[1] and s[2], s = "bac"

Swap s[0] and s[1], s = "abc"

**Constraints:**

* 1 <= s.length <= 10^5
* 0 <= pairs.length <= 10^5
* 0 <= pairs[i][0], pairs[i][1] < s.length
* s only contains lower case English letters.