Shortest Common Supersequence

Given two strings str1 and str2, return *the shortest string that has both* str1 *and* str2 *as* ***subsequences***. If there are multiple valid strings, return **any** of them.

A string s is a **subsequence** of string t if deleting some number of characters from t (possibly 0) results in the string s.

Example 1:

Input: str1 = "abac", str2 = "cab"

Output: "cabac"

Explanation:

str1 = "abac" is a subsequence of "cabac" because we can delete the first "c".

str2 = "cab" is a subsequence of "cabac" because we can delete the last "ac".

The answer provided is the shortest such string that satisfies these properties.

Example 2:

Input: str1 = "aaaaaaaa", str2 = "aaaaaaaa"

Output: "aaaaaaaa"

Constraints:

- 1 <= str1.length, str2.length <= 1000
- str1 and str2 consist of lowercase English letters.