

# 1153. String Transforms Into Another String

## Description

Given two strings `str1` and `str2` of the same length, determine whether you can transform `str1` into `str2` by doing **zero or more** *conversions*.

In one conversion you can convert **all** occurrences of one character in `str1` to **any** other lowercase English character.

Return `true` if and only if you can transform `str1` into `str2`.

### Example 1:

**Input:** `str1 = "aabcc", str2 = "ccdee"`

**Output:** `true`

**Explanation:** Convert 'c' to 'e' then 'b' to 'd' then 'a' to 'c'. Note that the order of conversions matter.

### Example 2:

**Input:** `str1 = "leetcode", str2 = "codeleet"`

**Output:** `false`

**Explanation:** There is no way to transform `str1` to `str2`.

### Constraints:

- `1 <= str1.length == str2.length <= 104`
- `str1` and `str2` contain only lowercase English letters.

