

777. Swap Adjacent in LR String

Description

In a string composed of `'L'`, `'R'`, and `'X'` characters, like `"RXXLRXXRL"`, a move consists of either replacing one occurrence of `"XL"` with `"LX"`, or replacing one occurrence of `"RX"` with `"XR"`. Given the starting string `start` and the ending string `end`, return `True` if and only if there exists a sequence of moves to transform one string to the other.

Example 1:

```
Input: start = "RXXLRXXRL", end = "XRLXXRRLX"
Output: true
Explanation: We can transform start to end following these steps:
RXXLRXXRL ->
XRXLRRXL ->
XRLRRXXL ->
XRLXXRRLX ->
XRLXXRRLX
```

Example 2:

```
Input: start = "X", end = "L"
Output: false
```

Constraints:

- `1 <= start.length <= 104`
- `start.length == end.length`
- Both `start` and `end` will only consist of characters in `'L'`, `'R'`, and `'X'`.

