

## 844. Backspace String Compare

Easy



2556



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Given two strings `s` and `t`, return `true` if they are equal when both are typed into empty text editors. `'#'` means a backspace character.

Note that after backspacing an empty text, the text will continue empty.

### Example 1:

**Input:** `s = "ab#c", t = "ad#c"`

**Output:** `true`

**Explanation:** Both `s` and `t` become `"ac"`.

### Example 2:

**Input:** `s = "ab##", t = "c#d#"`

**Output:** `true`

**Explanation:** Both `s` and `t` become `""`.

### Example 3:

**Input:** `s = "a##c", t = "#a#c"`

**Output:** `true`

**Explanation:** Both `s` and `t` become `"c"`.

### Example 4:

**Input:** `s = "a#c", t = "b"`

**Output:** `false`

**Explanation:** `s` becomes `"c"` while `t` becomes `"b"`.

### Constraints:

- `1 <= s.length, t.length <= 200`
- `s` and `t` only contain lowercase letters and `'#'` characters.

**Follow up:** Can you solve it in  $O(n)$  time and  $O(1)$  space?

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