

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?