Backspace String Compare

Easy

Given two strings S and T, return if they are equal when both are typed into empty text editors. # means a backspace character.

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".
```

Note:

- 1 <= S.length <= 200
 1 <= T.length <= 200
- 3. S and \mathbb{T} only contain lowercase letters and '#' characters.

Follow up:

• Can you solve it in O(N) time?