

844. Backspace String Compare

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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 = "b"`
Output: `false`
Explanation: `s` becomes `"c"` while `t` becomes `"b"`.

→ a b # c

→ a d # c

Ans string

a b c

Ans string

a d c

== So true

b x o # j # # t w

Ans ⇒ b x o j t w

As soon as we see hash we remove the previous character

```
class Solution {
    public boolean backspaceCompare(String s, String t) {
        return updateStr(s).equals(updateStr(t));
    }

    private String updateStr(String str){
        StringBuilder ans = new StringBuilder();

        for(char c: str.toCharArray()){
            if(c != '#'){
                ans.append(c);
            } else if (ans.length() > 0){
                ans.deleteCharAt(ans.length() - 1);
            }
        }
        return ans.toString();
    }
}
```