LEETCODE | 3921 DATE

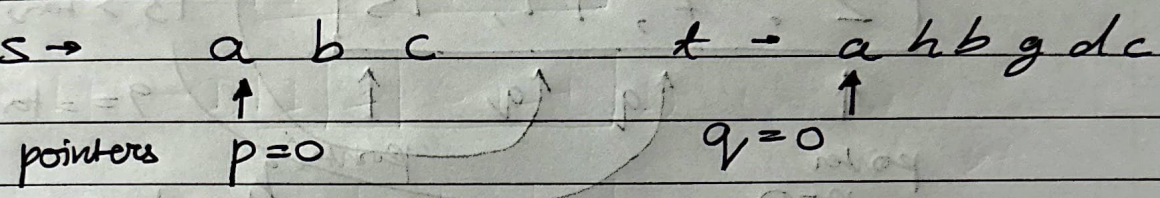
Is Subsequence

Input → s = "abc"
t = "ahbgdc"
Output → True

Input → s = "axc"
t = "ahbgdc"
Output → false

Steps

1. We can use Two pointers Approach here



Condition → i) if (s.charAt(p) == t.charAt(q))
→ p++, q++

2) else → q++

↳ Run this under while loop such that
while (p < s.length() && q < t.length())

↑ Once while loop exits

2. If still s is left untouched that means not a subsequence.

if (p < s.length())

↳ return false

3. Return true for all other cases.