392. Is Subsequence

Given two strings s and t, return true if s is a subsequence of t, or false otherwise.

A subsequence of a string is a new string that is formed from the original string by deleting some (can be none) of the characters without disturbing the relative positions of the remaining characters. (i.e., "ace" is a subsequence of "abcde" while "aec" is not).

Example 1:

- **Input:** s = "abc", t = "ahbgdc"
- **Output:** true

Example 2:

- **Input:** s = "axc", t = "ahbgdc"
- **Output:** false

Constraints:

- $0 <= s.length <= 100$
- $0 <= t.length <= 10^4$
- s and t consist only of lowercase English letters.

Follow up: Suppose there are lots of incoming s, say s_1, s_2, ..., s_k where $k >= 10^9$, and you want to check one by one to see if t has its subsequence. In this scenario, how would you change your code?