Sulveguence
P

Approach 1: Two Printers (Timple)

- Iterate through trobile checking characters of Sin order.

- Increment printer on Swhen a matching character is found. Algorithm: 1. Insticlibe i=0 (for s) and j=0 (for t)

2. While j=t. length():

If s[i] == t(j], increment i. Increment j. 3. If i==s. length(), seturn true, else folx. (Complexity: · Trine: Olt/1-single pass through t · space; O(1) Follow-Up: Many Queries (S1, Sr, _., Sk):]
If we have many s genries and a fixedt: · Preprocess to · Itore positions of each character (a-Z) in arrays. - Hor each squery; · Une formany wasch to find next vehicl position in thereach character of S. · Complicity per query: O(151, log 1+1), preprocessing O(1+1).