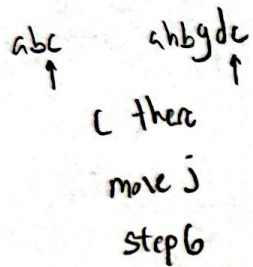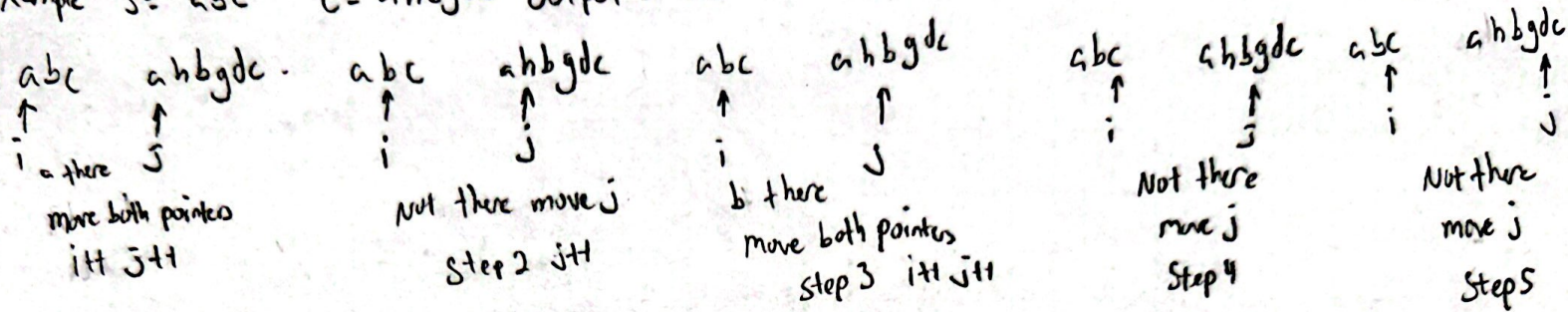Leet code 392 is Subsequence return true if string s can be found in string t 2 pointers

Example S= "abc" t= ahbgdc Output = true

```
abc    ahbgdc          abc      ahbgdc         abc      ahbgdc          abc    ahbgdc     abc    ahbgdc
↑      ↑   ↑            ↑        ↑               ↑         ↑               ↑        ↑        ↑       ↑
i  a there  j          i        j              i         j             Not there        Not there
                                                                          i       j      i        j
move both pointers    not there move j       b there                    move j            move j
i++ j++                                      move both pointers          Step 4            Step 5
                      Step 2 j++             Step 3  i++ j++
```

```
abc    ahbgdc
↑       ↑
c there
move j
step 6
```

code

i=0
j=0

While i< len(s) & j< len(t)
    if s[i]= t[j]:
        i+= 1
        j+= 1
    elif s[i]!= t[j]:
        j+=1
    if i= len(s)
        return true

    else:
        return false

Algo

Set up 2 pointers i & j=0
while i & j less than length of s&t
    if S[i]== t[j]
        increment both pointers
    else if S[i]!= t[j]
        move j untill we find S[i]
        j+=1
    Check if i = the length of s
    that means all letters were found
    so return true
    else return false