Check for subsequence

Only for my ♡

S_1 = a b c

S_2 = c a g h b l k c

if this is subsequence of this

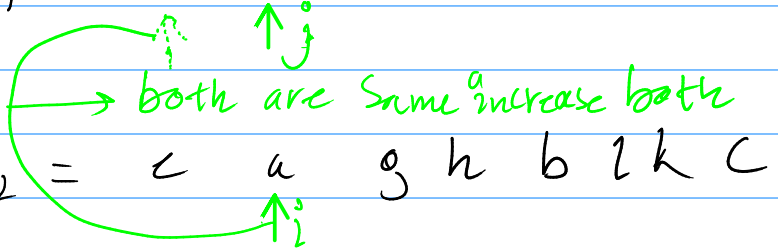
→ two variables taken m = S1.length();
n = S2.length();

→ two variables are taken to select items from S_1 and S_2
i = 0 j = 0

(1) S_1 = a b c

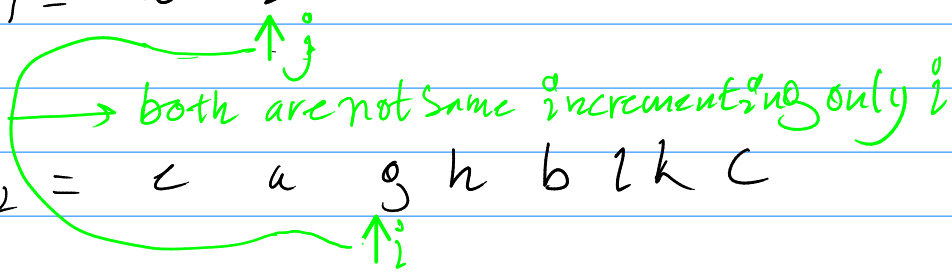
S_2 = c a g h b l k c

(2) S_1 = a b c



S_2 = c a g h b l k c

(3) S_1 = a b c



S_2 = c a g h b l k c

(4) $S_1 =$ a b c (j)

→ both are not same incrementing only i

$S_2 =$ c a g h b l k c (i)

(5) $S_1 =$ a b c (i, j)

→ both are same increase both

$S_2 =$ c a g h b l k c (i)

(6) $S_1 =$ a b c (j)

→ both are not same incrementing only i

$S_2 =$ c a g h b l k c (i)

(7) $S_1 =$ a b c (j)

→ both are not same incrementing only i

$S_2 =$ c a g h b l k c (i)

(8) $S_1 =$ a b c (i, j)

→ both are same increase both

$S_2 =$ c a g h b l k c (i)

(9) Return true if $j = S_1.Size()$

else

Return false