1143 Longest Common Subsequence

(ASE !

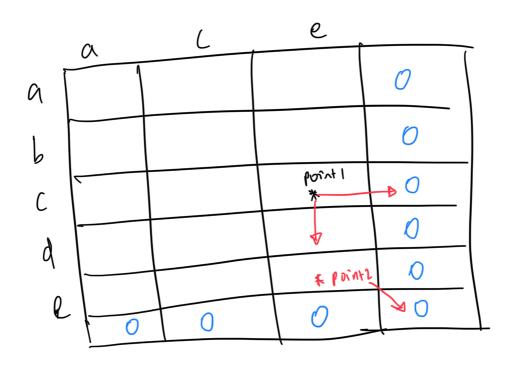
18 chan of tent 1 and tent 2 match

chan of tent (over
$$L(S(X_1, Y_1))$$
) = $L(S(X_1, Y_1))$

1st your of fent! and fent? don't match (ASE 2

tent 1 =
$$abcde$$

tent 2 = $4c$
tent 2 = $4c$



* point! font! = ide (ASEZ

tent 2 = c MAX (I)

Val at point!

points

[ASE]

14 (\sqrt{sqrt}) = 1+0=1

memo = [] []

For i = n to -1 dec -1

For j = m to -1 dec -1

if tentl(i] = tent 2 [j]:

memo[:](j] = 1 + memo[ix:][j+1]

elte

memo [:](j] = max

memo[:](j] = max

memo[:](j] = max

memo[:](j+1)