Longest Common Substring

Problem Statement

Suggest Edit

You have been given two strings 'STR1' and 'STR2'. You have to find the length of the longest common substring.

A string "s1" is a substring of another string "s2" if "s2" contains the same characters as in "s1", in the same order and in continuous fashion also.

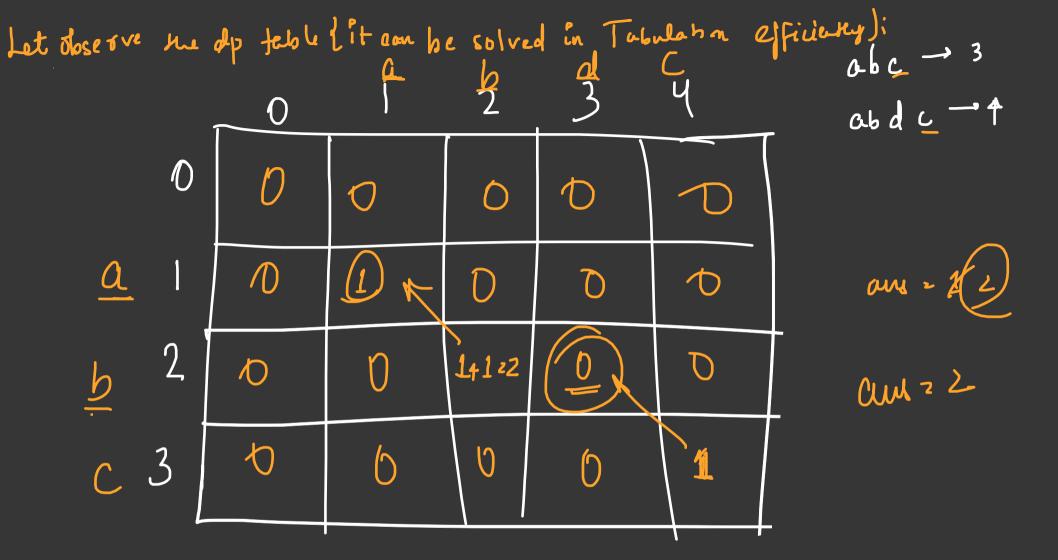
For Example:

If 'STR1' = "abcjklp" and 'STR2' = "acjkp" then the output will be 3.

Explanation: The longest common substring is "cjk" which is of length 3.

for examply manner

Observe the Questin / Problem Statement f(3,4)



Pseudo code po recurrien.

Similar to Subsequence but we keepe court variable to count the total legth and when know is break. we make it zero and max of all is return

f(i,j) ane 10

f(iz 20, j 220) return and,

if(SLi) 25(il) rety: f(1-1,j-1) and+1,

and on max (and, max(f(1-1,j),f(j,j-1)) and 0;

orlure and

