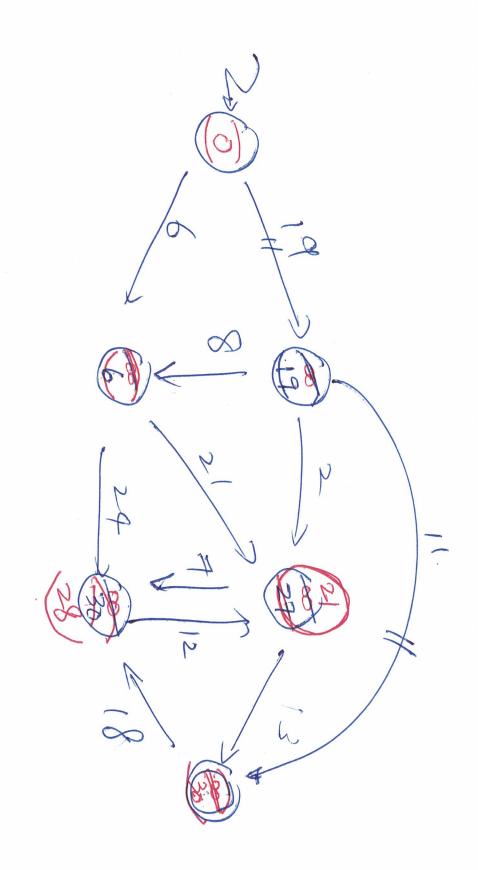
ast time: shutet-path Greedy Alg's Key: identify monoward 9/2/2020

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Dynamic Programing. my Fatuithan; The regresse mocess of recusion. Himate the venion ineflicient! Kennine Programs/Algs Dynamic Programing. are offen

LCS Alg. // lougest common stosep-Doline substep. (subseq + substring). B. LCS(X, b): a longest common susseque B common sheet, which a sheep of both QI AATTTGCCTA B= TAAGCTAACTTATTAA ATCT 2 and 3.

studying the publicu Figure out good purportus. [CS(&) A) CS(1, B) = ICS (xa, ba) = LCS (Na, Bb) = longer & LCS(da, b) belone dessing the Ala 105(x,b) Q and LCS(0x, (3b)

L WON efficient? we already ba, aab 935 1 ans recare

Raa, aaa aa, 666 Full binary tres

Dynamic programis.

X 8 0

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Divide & Conquell Dynamic tragrami Tready. day 2 day 1 N 60 /

192v 295 Solution of The Whole whole publican is supposed the Solve 3 Assemble the -whola 1) Cut the publer

Always 2 preces (Southur >2 Subproblem is easier than Inde puble YOUR SISPERS cut the whole most dive

\* 5 Divide & Congress (%) + T(%) + Shuldent Wight S128 M

Homen: TITON) IS NOT INEM, Liq. T(n) is linear time From (\*) YOU Ban get (\*) Will not grue you a The overhead (7n)  $(00^3)$  $(\sqrt{2})$ better the