- Identify and solve subproblems.

- Use Optimal substructure to construct/build

the solution to the larger problem.

- Local Optimal solution

of the smaller

subproblems.

Longest		Com	mon	Subsequence			-1-14	Less	o.zeoato z			
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Length =7 of Longest Common Subsequence

> internet

> intranet

Formula -> if (A[i] = B[i]) 1+[1-[-1] TAM = | [1:1] TAM else MATLIAI = mux o MATLIAI] Time complexity:-O(n * m)Example #1 o-verify at home Example #2 # through backbracking teret > length=5 in ternet tenretni 9 t e 0 0 0 £ 0 2 e 0 0 3 η 1 3 , 11 0 0 4 3 0 0 e 0 0 1 1 3 t 0 1 0 0 0 1 η 7 2 0 1 1 2 2

Operations 力 Operativy different S operation سر Distance 5. match = no N Y Edit S S Minimum U 40 and memory