Dy mamic Programming

1_ Intuition

- Overlapping Subproblems
- Optimal substracture
- I Maction

2- "Structure"

- 1. We solve Smallest (trivial) Subproblem (basis step) optimally "K=0"
- 2. Then, by going through (all) the (iECO, 43) (Induction previous solutions and analyzing them, Hypothesis) find how we can guarantee building the optimal solution for step K+1 "K- K+1"
- 3. With that relation, implement finding (Inductive the optimal Solution for any Step K+1, by step) recursively resolving and Storing the

answer to Subprob [O... N] into a matrix. "Y KZO: SCKI-SCKI-1"