Greedy Algorithm

Wan

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- 1 Introduction
- 2 The optimal substructure
- 3 Greedy Choice Property
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dea: select local optimum at each step to get global optimum (Greedy Choice Property).

A special case of DP.

Goal: to find the best solution among a set of possible solutions, generally used in the optimization problem.

Verify the correctness of Greddy: Induction or proof by contradiction.

- 5 Correctness Proof
- 6 Examples

Activity Selection Problem

Hauffman Coding