Introduction to greedy Algorithms: >
Introduction to be covered for Coding Intervieuse > 1) Minimum Number of Coins 1) Activity Selection Problem 11) Job Scheduling Problem (1) Chocolate Distribution Problem Winimum Absolute Difference

White Minimum Cost of Roffes

VI Fractional Knapsack

VII 0/1 Knapsack vin Huffman Encoding IX) Minimum number of jumps. Nibeung & Donuts. \* Minimum number of coins: \( \int \text{1,2,\leq}, \text{10,(20)(\square)} \), 100, 200, 500, 1000? Coins of different denominations Target Value, V = 91 Louile > = Loino (i) V = 1000 (50) V - = (0ino (i) 500 (20) 200 (20) 41 - 50 = 41 100 (1)XXX Imp: Activity Selection Problem \* given a set of activities with their start and finish times, select he man number of ochvities that can be complet to d by a single individual, with the condition that he / she can only berform one activity at a given time without Finish (Sost (finish) 7 +A3(1(4)) | A3(1,4)  $\frac{A6(2,5)}{A5(0,6)}$  A1(5,7) A3 1 A4 5 9 = 1 A 1 (5) 7) A 2(8,9) AS A6 Minimum Cost of Robes: > avs = [4,3,2,6] cost = 0 Sort = 2,3,4,6 nlogn + 2,3 - 2 + 3 = 5500t [5,4,6] hlogh= [29] 4,5 9+5 = 9 X Tod Sout 6,9 nlog n 3.5 LPA Min Heap 2 log 2 (1) Poll Dynamic Programming" who forget the f(n) = f(n-1)