* Square Root noing Binary Search int n -> range [0-n] Find mid ____ m×n>n store the answer & move to right Once you get the answar * Tadding & Greedy
121 Minimum Number of Coins * Minimum Cost of Robes * Activity Selection P * Maximum Phs olute Difference is minimum o (chowlate Distribution) * Job Sheduling Problem * Huffman Encoding * Politemen & Theves * Nittung Ee Donuts * Fracks onal traksack ≠ 0-1 traffict X Min Cost to Climb Stairs Leet Code / GFG/ Coding Ninjus Min no of Coino:)

Denomination of Coino []

=) \$1,2,5,10,20,50,100,500,100,2000} 1 = 90 + 100 = 191-50=41 7= 21 - (20) = 11 - (1) = 0 Stop Activity Selection Problem: > fixen a set of activities with this start & I finish times, select he maximum number of activities that can be confleted by a single beison, asouning that a feison can work on only one activity at a given barticular time. Achinty Start Time Timb Time Sort - Finish Time A3 AS0-6 A1 A1 5-7 5-7 A45-9 AS 0 A2 8-9 A6 Stefs 1 We soot all the activities according to the's finish time o (2) We start by selecting the activity which finishes earliest. For each activity, if the finish time is after or equal to the convents eleted abouty, we select it. (3) The Rival 5 elected activities are those which can be completed without overlapping. Minimum Cost of Connecting n'topes: $\{4,2,3,6\} \rightarrow 0/p = [29]$ $\frac{1}{2}$ $\frac{1}$ Sout \Rightarrow (5,4,6) (4,5,6) WHS=9 1 nlogn (9,6) nlogn (6,9) 6+9 = 15 (29) 4,2,3,6 Min-heaps Cost = 0 am = 4,1,3,6 -> mHeef Girst = 2, 4 Second = 3, S menged = 2+3 4,5,6 28th Feb - 2025 (9520) * Chacolate Distribution Problem * Graph Representation XXXX Dynamic Programming: Space Recursion, Memoisation, Tabulation, Optimisation