Activity Selection Problem: Sompareter

\* Green a certain number of activities with their start & finish bind the maximum number of that can be berformed by a si he/she Accenture - June 2025 Infosys - Mag -Start Finish Sort (fruith) A 41(5, a) Fractional Knapsack Problem 3 > DXC N -> items weight -> [ value -> [ ponch - Val = [60,100,120] Maersk Wt = [10, 20, 30] w 20 = 4 20 Minimum cost of connecting robes: 4,3,2,6 Sout 1 -> 2, 7, 4, 6  $\frac{\gamma \log n}{5}$  5, 4, 6 Sort 2 -> 4,5,6 not Splinized Sort 3 -> 6,9 (4,3,2,6) -> Poisosity Owene 16 min Heap Min Heap N remove -> D(1) Sort -> n log n \* Huffman Erceoding \* Policemen & Thieres \* Nikung & Donuts Graphs -