Greedy Method. Algorith Greedy for knapsaile eg: P=[15, 24, 15] W=[18, 15, 10] M - 20. Arrange Elents in Tureating order of weight. : Projet earned for Second elect 10 x 24 - 16 15 Total projit cound = 15+16=31

Arrange elembs in decreating order of P = [15, 24, 15] W = [18, 15, 16]Circedy by property tradion of Second electred = 2

profil earl = 2 724 = 3.2 ... Total profil earned = 25+3.2 = 28.2. Creedy by Bost/weight. Arrage elents P[i]/NEI] > P[i+1]/IN[i+1] P = [25, 24, 15] W = [18, 15, 10]P/D = [1.3, 1.6, 1.5] P/W=[1.6, 1.5, 1.3] 10 × 1.3 = 13 p = [24, 15, 25] 29+15+13 p = [15, 10, 18]

DATE let m= 20. Port first weight 15220. put second vigll-15+10>20. .. prl- grantin 15+5 = 20. profit carned = 24+7.5 = 31.5