

LI = [MI, M2, M4, M6, 16, ML7, 18, 21, 27 37,60,61,62,63,67,68] L2 = [MS, M8, M10, L2, M13, 50 Date / / and Columns of these soutes under which I was not present in 20W 1. So, we end up having data let / Matrix Contains sows and tolumn of soutes In it only Step & As we did in step (2) again
we can split L2 whing I's
prelent in sow corresponding to and me will get [2] = [M5, 12, 50], L32 = [M8, M10, M13] Now we will L3 as we ephited L2 m
step @
we will get 13 = [M8] [4 = [M10, M13] and again La = [MIO], [M13] = LS

CLASSTIME Pg. No.
Date / /

we can see that the routed in 12, 13, 14, 15, have no Interne. with others in that south yours. sty (7) We will, one by one, take their doubtes from LI and by to accompande them in Subsequent group (if allowed by datas of Intersection). for en. take M2 from LL and M4 from L1, new take 12 and check wheather if all of them do not interest with M2 4 M4 shoterlest ar rot if they then we will prop toy to more M4 from LI to others. For this take 12 and check if all of soutes in 12 that do not intersect with M4 if they do not then put

M4 in L2, elle take L3 and

Check again. When M4 is alloted

to any subsequent group. then Start

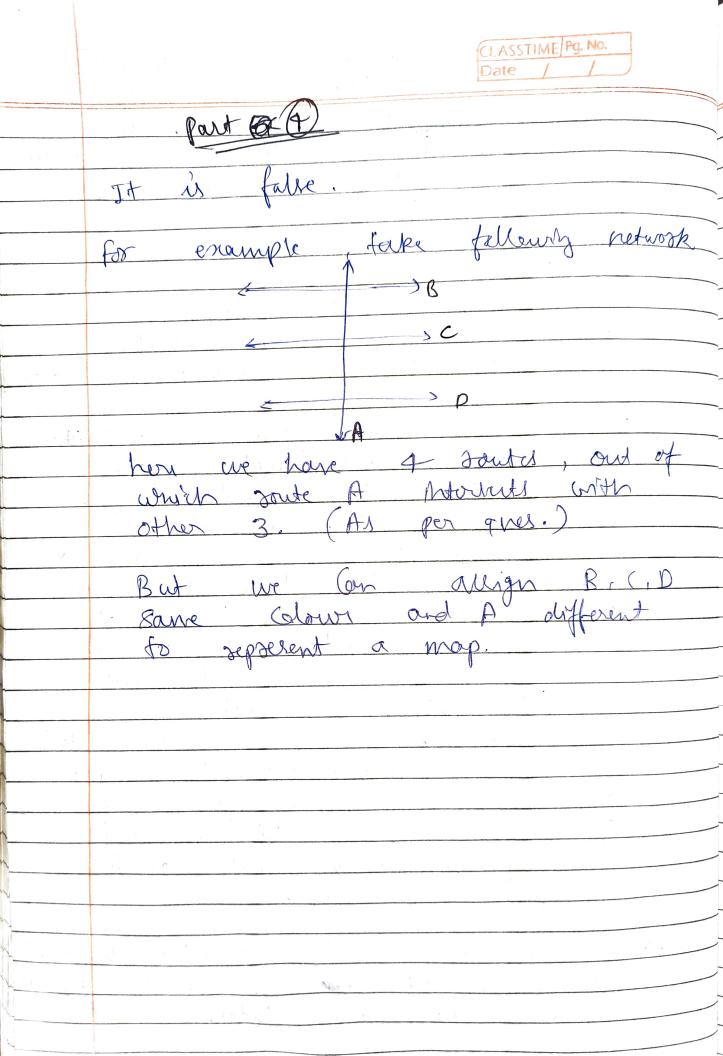
ogain with another element from L1

if M4 is not alloted to any

group present then make another goorp of M4 only. -> we can do this for all Li's in step6.

but it is not need for 12, 13, 148, 15

it is clear from data. have intortection with others.



CLASSFIME Pg. Nu. Date / /

EXO

part (1) Say n iteme have weight Wi's appropriate B. step 1) first arrange the items anddry to their decreality order of their weights. weights. Step @ now stake the left most item
from shirt in step @ and put that
who bin 1. cross that item from
that list to represent it is fitted in a bin. Now again take the left most un coursed item from arranged list
and tog to fit that in left most
bin possible 1-e if it can be fitted
in bin I then fit elle fit it in Bin 2

(fitting means the sum of weights of
item in or bin should not be more than B) Again (soil item In orranged liet. In general if at any stage me take a item then we thould thuk, all those Birly win have items, from left to right. And fit that if possible ex (a)



part 30 take item hung size 3, 8, 9, 5, 7 and let Bin size as 20. new arrang in terreally order 10.9.8.8.5.4.4. 10+9 9+8 6+5+4 4 -> by FFP we are getting 4 as But clearly if we arang in fallowing 10+9 | 4+4+4 | 9+6+ -> no. 4 bily

+8 | 5 | = 3. Herre FFD is not group optimal no. of bin for this enample