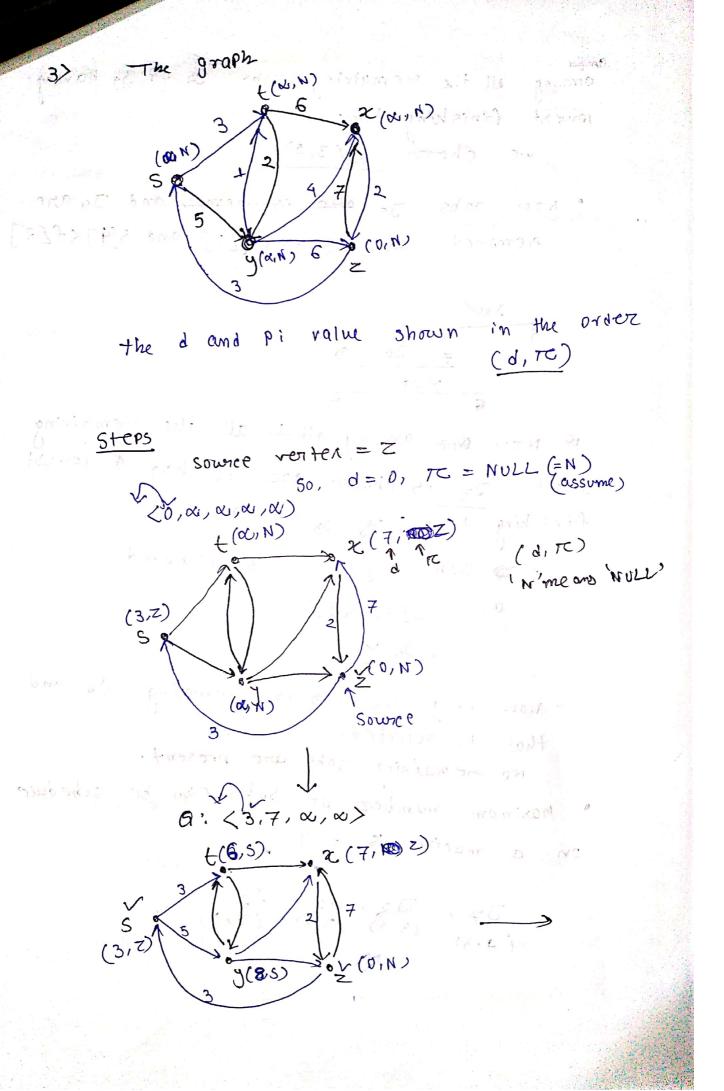
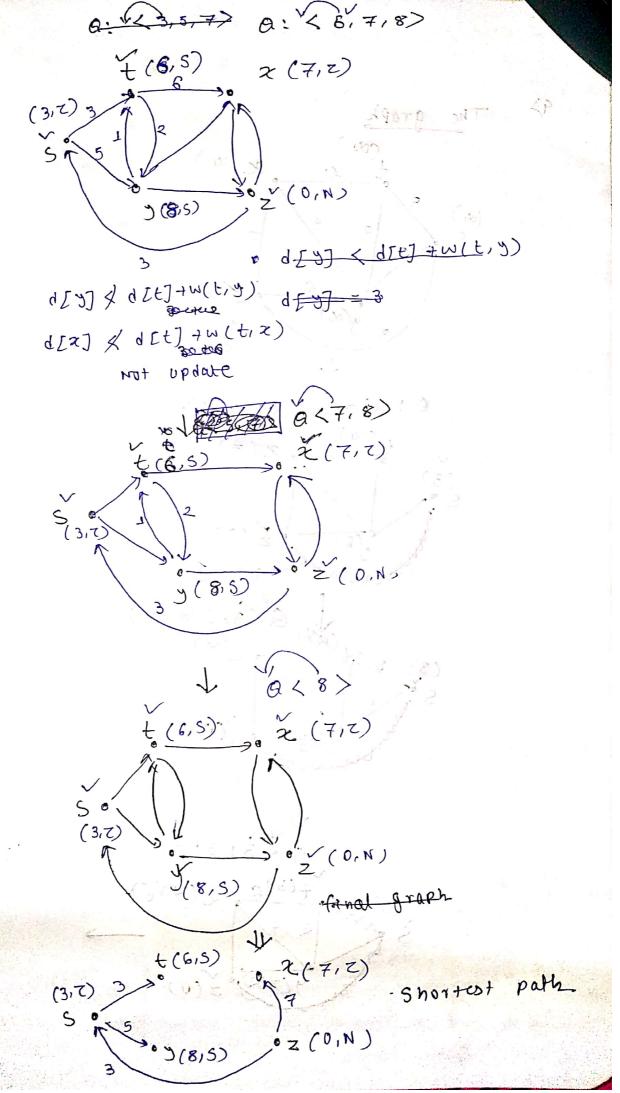


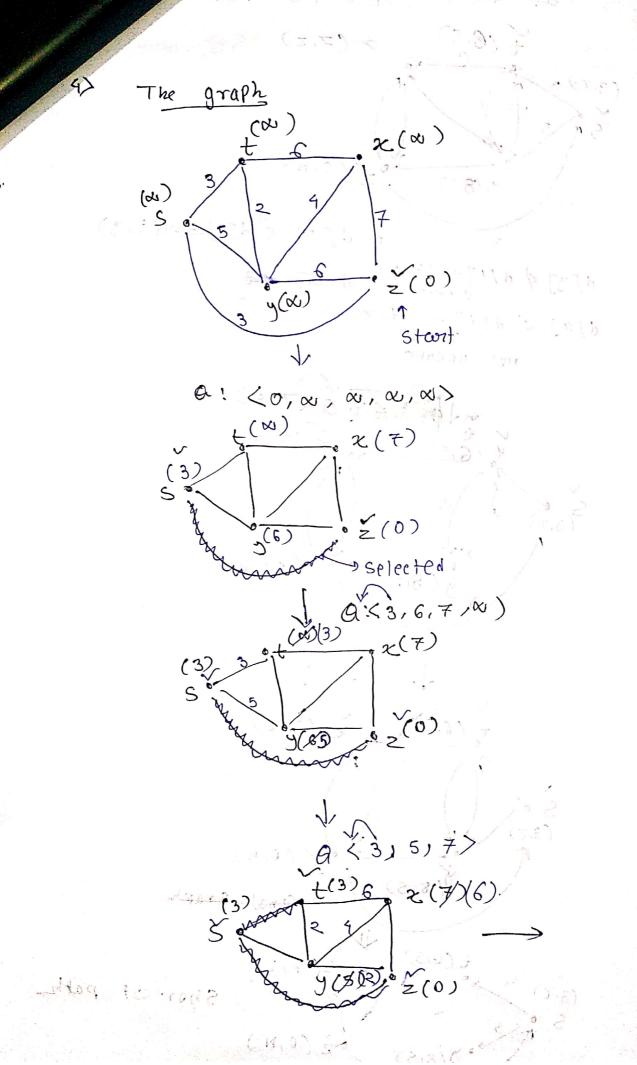
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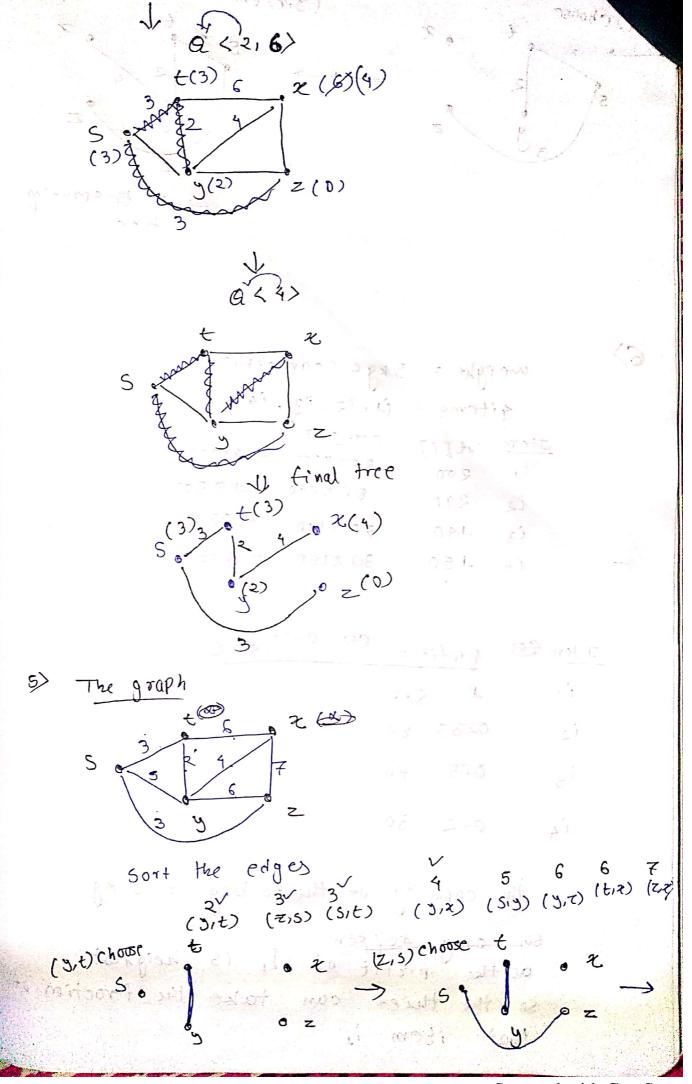
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1 = 36 3 5 1 1 1 2 30 5 according to their finishing time.  Then of D7 having the lowest finishing	4 5			
1ets sort the 306s according to their finishing time.  Then To Dy having the lowest finishing	~ ~	7 76		
lets sort the 306s according to their finishing time.  time.  then o Dy having the lowest finishing				
time.  Then o Dy having the lowest finishing	The state of the s		ch.	
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· then o Dy having the lowest finishing				
time to 37 having the lowest time	7000			
$T_{100}$	the strong the lowest the lowest			
time to J7 Job is selected J7 (1,3)				
• NOW I wre removed as overla S[1] < f[7]				
32				
3 5 J3 0				
25-5x 7s 36				
73040				

among all the exempining 3065 De or 34 having CAND-Tlowest finishing time we choose 32(3,5) NOW 30 bs 35 were is nemo- and J4 are eremoved as SESJ< FEZJ and SEGJ< FEZJ 33 7 36 9 5 MO N ME Now among all the gremaining Jobs 33 is choose cox it how & lowest finishing time D 3 (5,7) e 70 306 38(6,9) is gremored S[87 < f[3] 7 36 / 9. · Now only one Job is foremaing Je and that is selected. no remaining Jobs aure present. maximum number of 3005 can be schedule on a macine is = 9 J7, J2, J3, J6
(213) (315) (517) (7,9) (4,0) You COBY

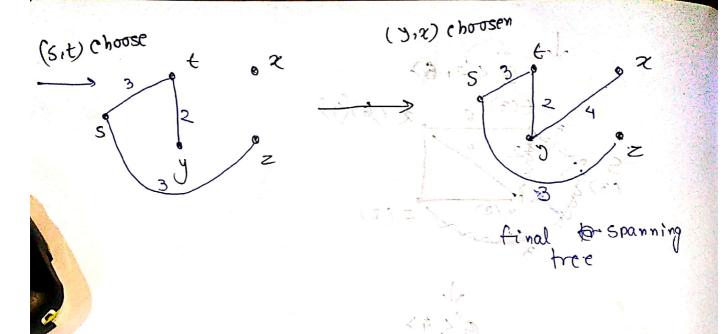








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6) weight = 
$$5 \text{ kgs}$$
 (capacity)

4 items (1, i2, i3, i4)

Them wt[i] cost[i]

200 200 200 = 40000

i2 240 80 x 240 = 19 200

i3 140 70 x 140 = 9800

i4 150 30 x 150 = 4500

the capacity of theet's bag = 5 kg

so, only collection

as the profit of 1, is heighest,

so the theet can take the fraction of

that item is

thirt can take the 30 = 40 of faction

of 200 kg (is item)

so, maximum profit of the thirt

= \frac{1}{500} \times \frac{40.0370}{000}

= 1000 Avo