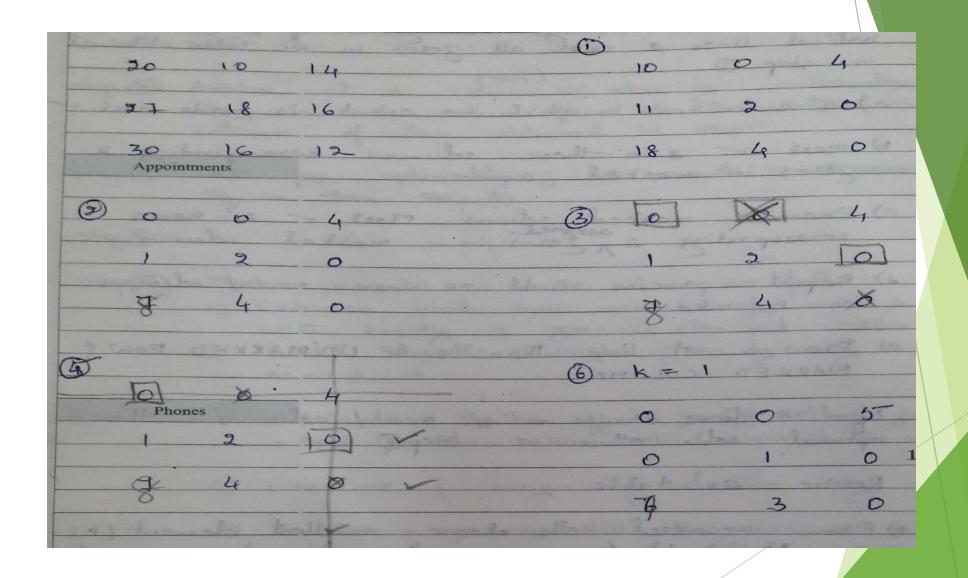
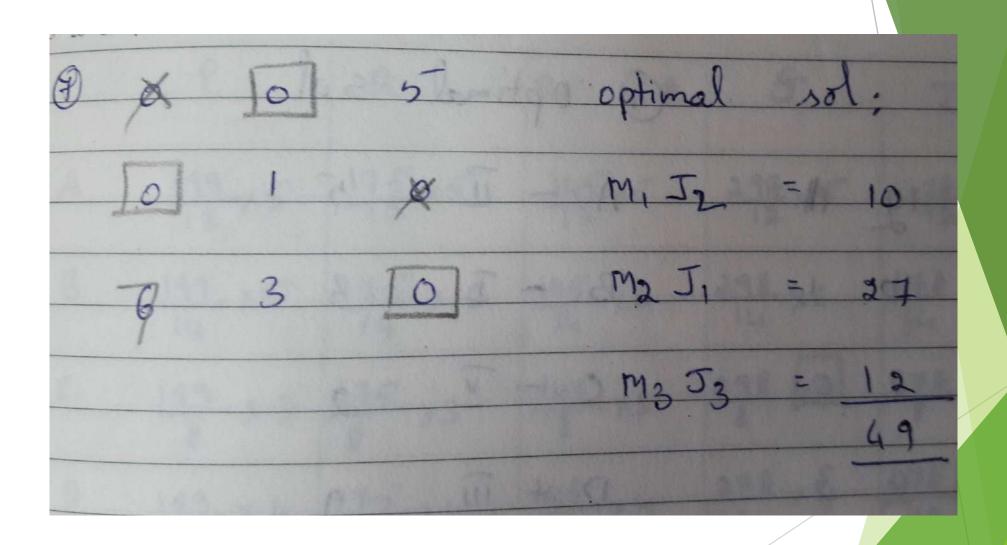
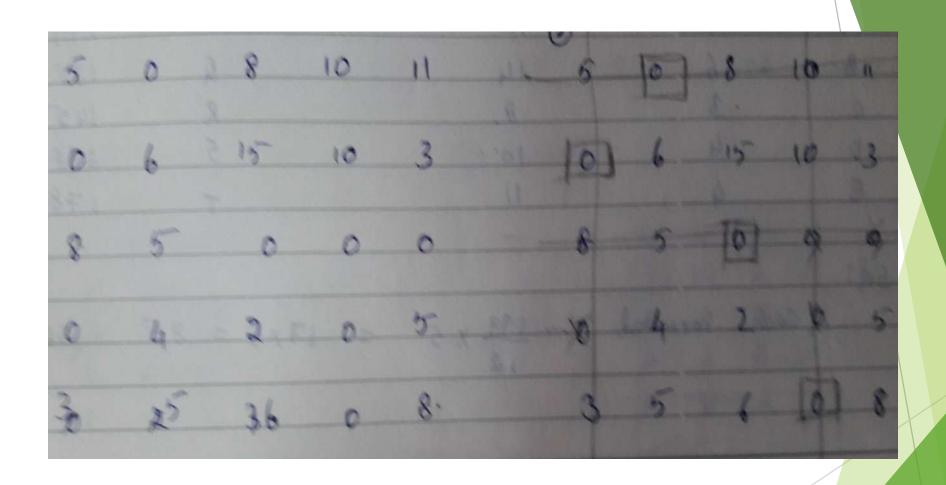
AP
Cont.

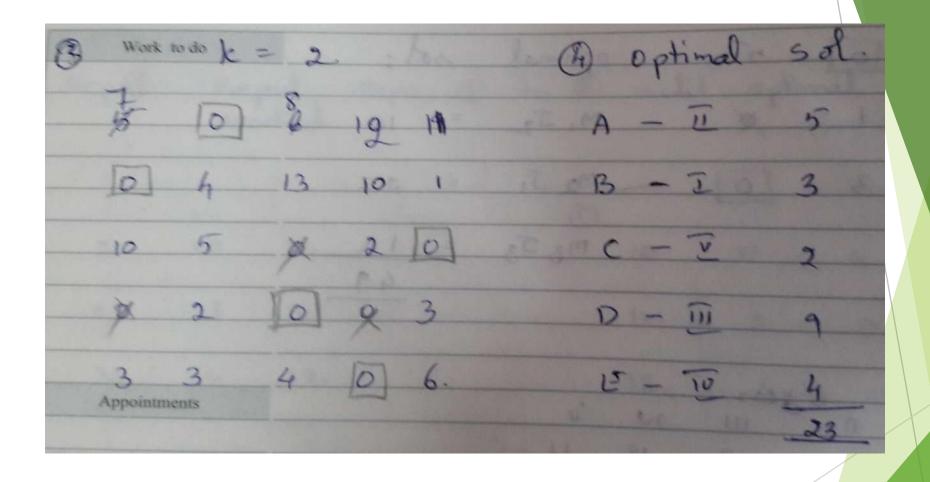
The	3,	Ji	73	Machi capailes
M	20	10	14	101
414	27	18	16	,
M3.	30	16	12.	1
Job Rgunt	1	-	1	3.





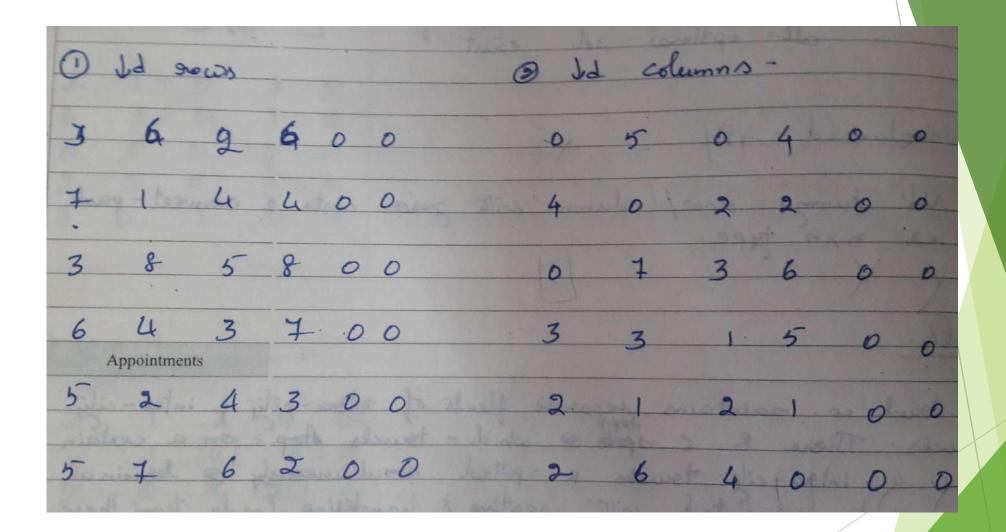
	Parolo 2		6)	jees .	. 3			
-		1	nec	111	10	·v		
	A	10	5	13	15	16-5		
	В	3	9	18	13	6 -3		
Jalos	C	10	7	2	2	2 -2		
	D	17	: Edling	9	7	1120-71		
	6	7	9 0	10	4	12 4		

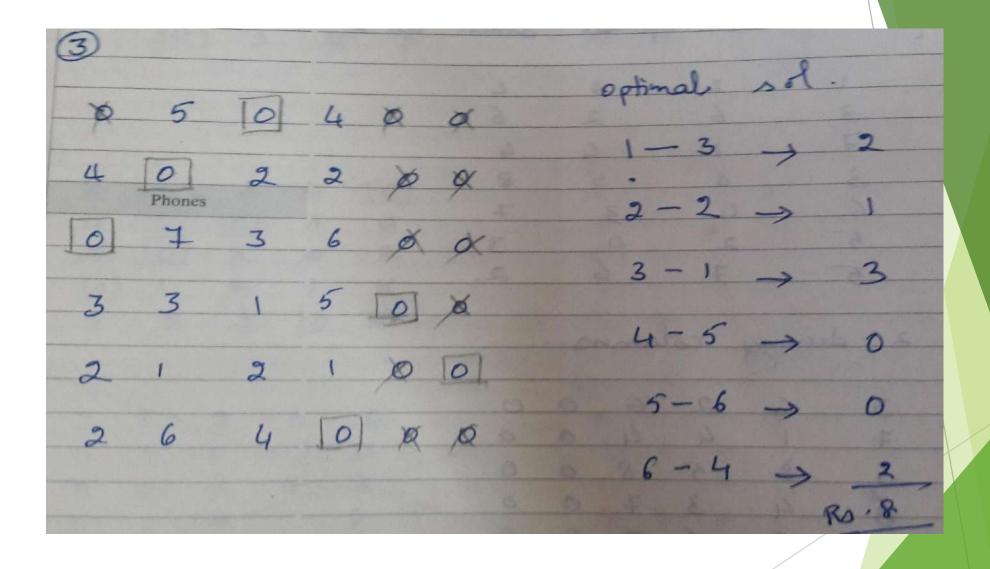




A touck co. maintains reparate fleets of interacity & inter-city toucks. There R 6 spots @ which - toucks stop, on a certain day 4 intra-city touches R spotted simultaneously @ terminal The costs associated with souting & transfering Goods from there touchs R given. Find - optimal grown as 2 min'se TC. Truck

2 decemmy columns

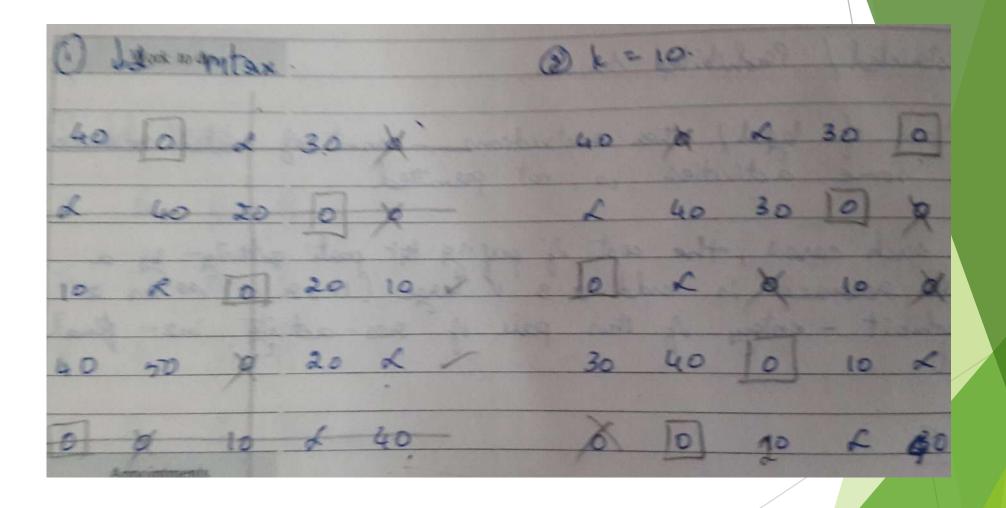




Restoricted / Pershibited Asserts. Work to do 2 some activities is not permitted. In such cases, the cost of perf 19 the posti getionly by parti resource is add 2 B V. large (Masi &) so as 2 perchibit - entory of this pair of nes-activity in2-final

A metal wks co. has 5 jobs of 6 machi & do them. Some machines do not suit - job signit & hence cannot Banging 2 them. These R shown as X in - table. Assign - jobs 2 - machi within - given restorictions so as a munter TC Jobs Machi 40 × 70 40 80 60 40 40 70 X 60 80 70 70 80 30 50 X 40 40 50 X 80 Phones

58.					
	80	40	M	70	40
		00			
	M	80	60	40	40
	To	m	60	80	70
	70	80	30	50	M
	40	Leo	50	m	80



Phones

## Maximization in AP

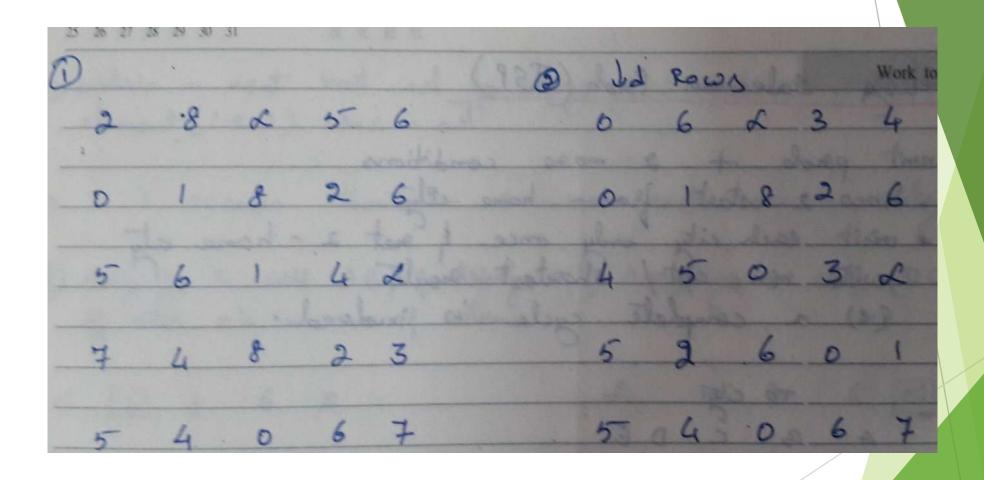
```
An aciline co. wants a allocate 5 flights 2 5 pilots as poor their prof. Pilots R asked a give their prof scare on a tot of 10. The Tea - # - Tea - posef. owing 2 domestic seasons some flights R not suitable a some pilots. There R marked as X
   in - table showing pref scores:

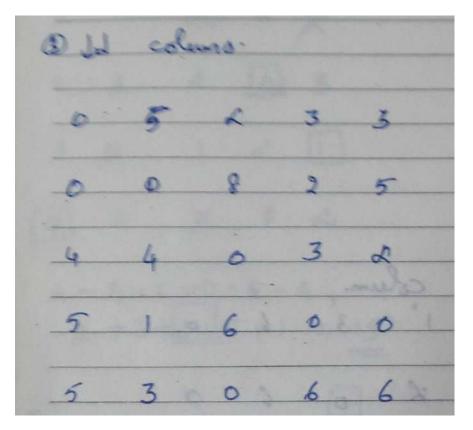
outless 1 2 3 4 5 what shid B - allocation of - pilots

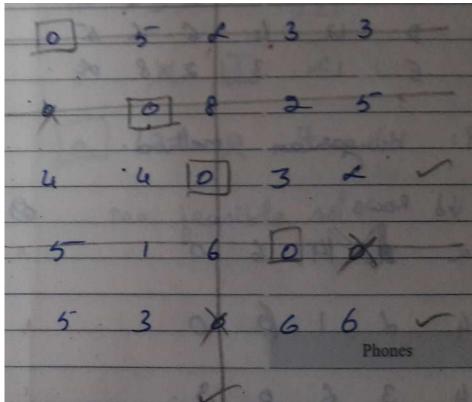
1 8 2 X 5 4 2 flight in order 2 most as many

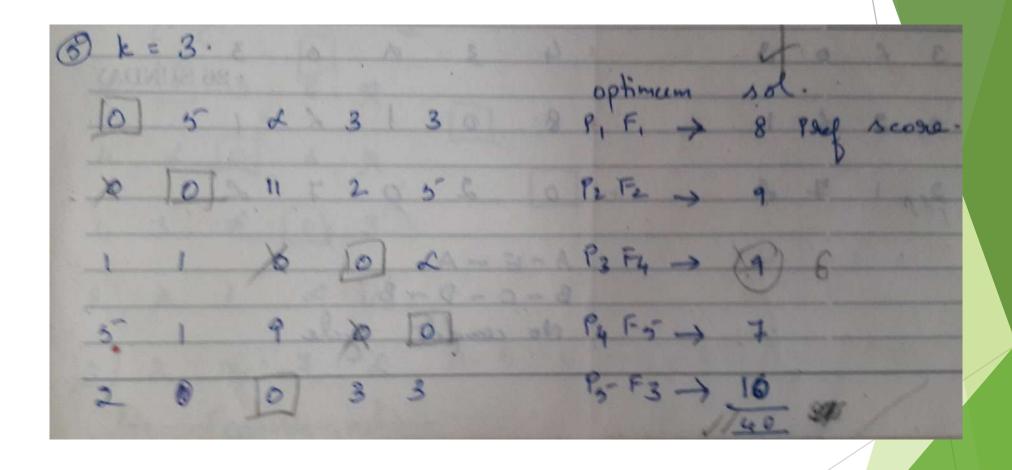
pilot 2 10 9 2 8 4 pref. as possible?

Bliones 5 4 9 6 7
sol: test score-10
```

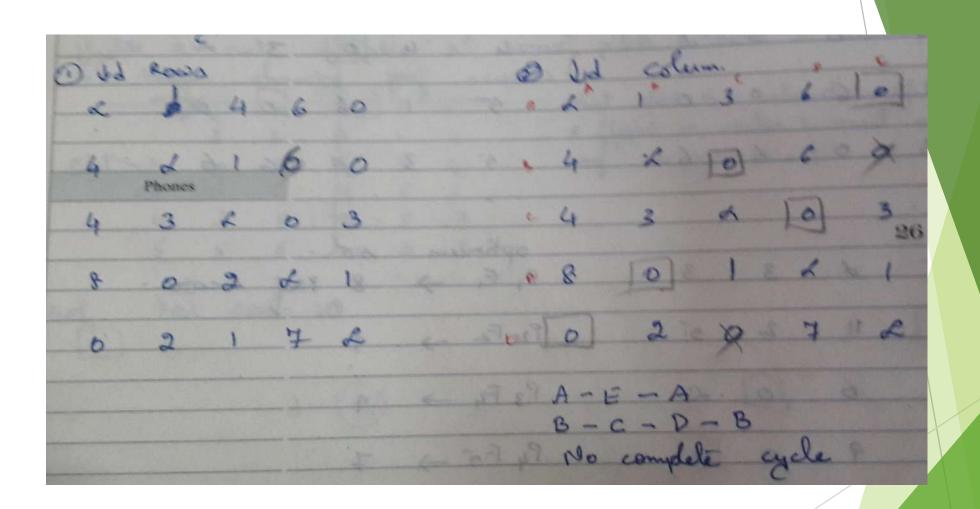








Tawelling Salesman Porolo (TSP visit each city only one min cost / shoutest occur complete cyc



absorbation - next best and by basinging - next non-zello min element (i.e. 1) In 2 - roll. (3) Amigung 2 cell (AB) & stricking (b) Arriging 2 cell (DC) of other o's in - now & column 1 3 6 0 F 1 3 6 P 4 2 0 6 0 4 3 2 0 3 No feasible sol. A-B-C-D-E-A. 2 + 3+4+5+1 = 15

