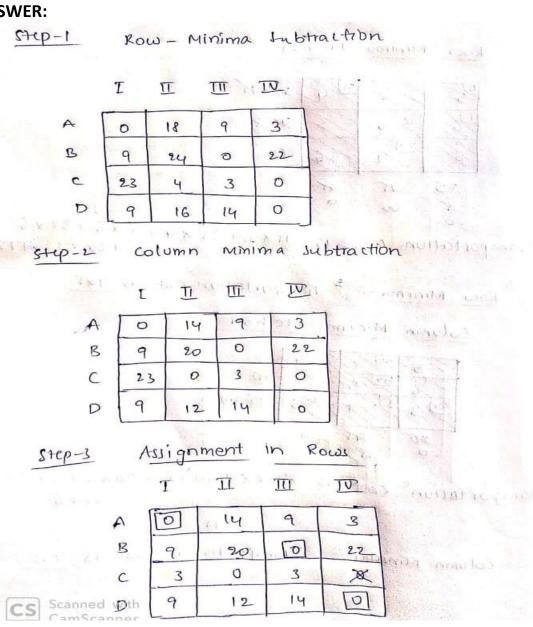
MP-1 TUTORIAL-11

1. Demonstrate the Assignment problem using Hungarian method.

QUESTION:

	Tutorial - 11				190031187 Radhakijhna	
	I	Л	Ш	V	Hungarian Metho	
	2	26	17	11	The state of the s	
1	13	28	4	26		
1	38	19	18	15		
	19	26	24	10	\$ - 16 - n 15	

ANSWER:



step-4 Assignment in column IV III I II 14 0 B 0 9 22 20 D C 3 0 23 D [0] 14 12

step-5 (Draw Minimum lines)

- -> In each row only one Assignment is done
- -> In each column only one Assignment is done.
- -> All jobs are assigned, all persons are Assigned
- -> we have reached to optimal solution.

Assignments of Jobs $A \rightarrow I$, $B \rightarrow III$, $C \rightarrow II$, $D \rightarrow IV$ Minimum no of hours

= 8 + 4 + 19 + 10 = 31 hours