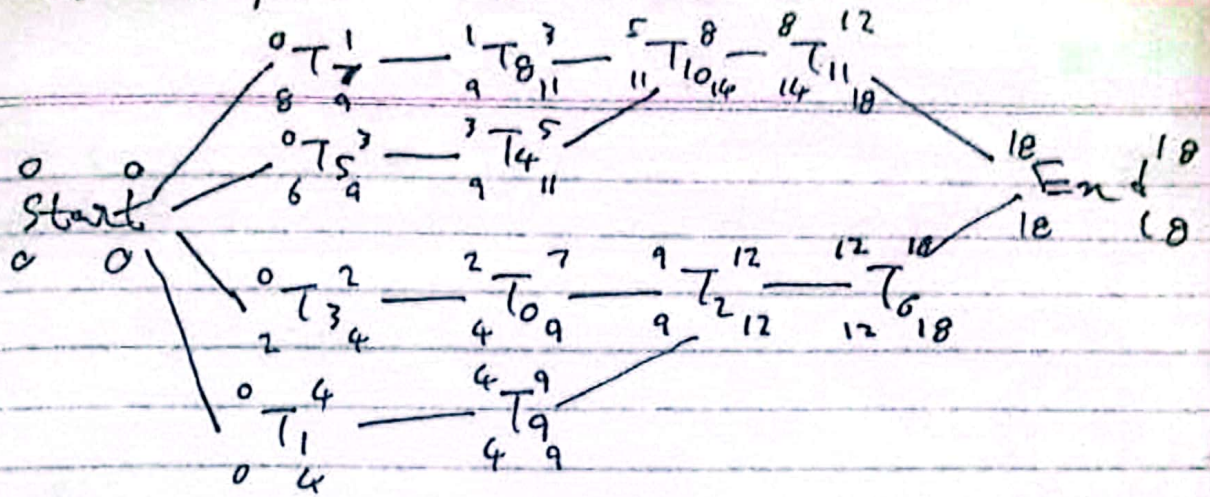


$R_0: 'A' \text{ prof. } 1 \text{ (skill develop)}$
 $R_1: 'B' \text{ prof. } 0.5 \text{ (skill test)}$



Let say, tasks T_4, T_9, T_{11}, T_6 require skill test.

Task	Dur	Slack	Resource	ES	EF
T_0	2	2	A	6	11
T_1	4	0	A	0	4
T_2	3	0	A	15	18
T_3	2	2	A	4	6
T_4	2	6	B	14	18
T_5	3	6	A	11	14
T_6	6	0	B	18	30
T_7	1	8	A	14	15
T_8	2	8	A	18	20
T_9	5	0	B	4	14
T_{10}	3	6	A	20	23
T_{11}	4	6	B	30	38

Compl.
 Time.

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

A A A A
 T_1

B B B B B B B B B B
 T_3

A A
 T_4

A A A A A A
 T_0

T_0

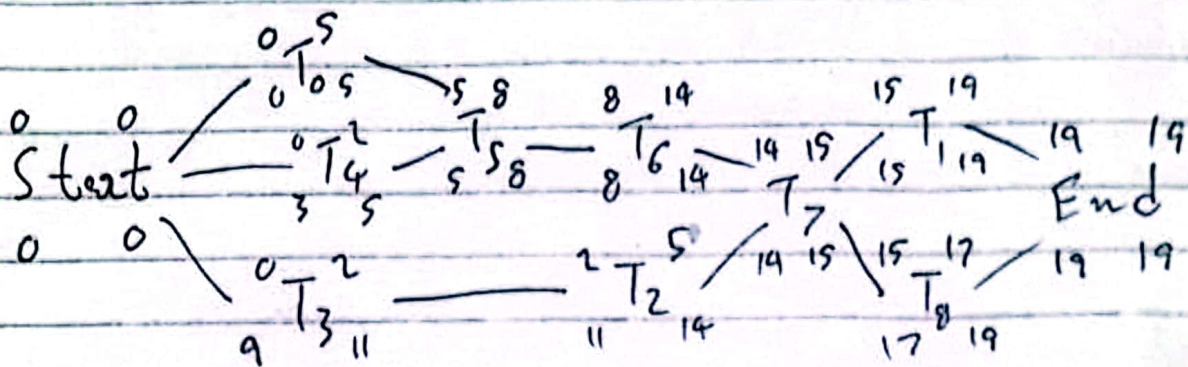
A A A
 T_5

T_5

B B B B
 T_4

A A A
 T_7

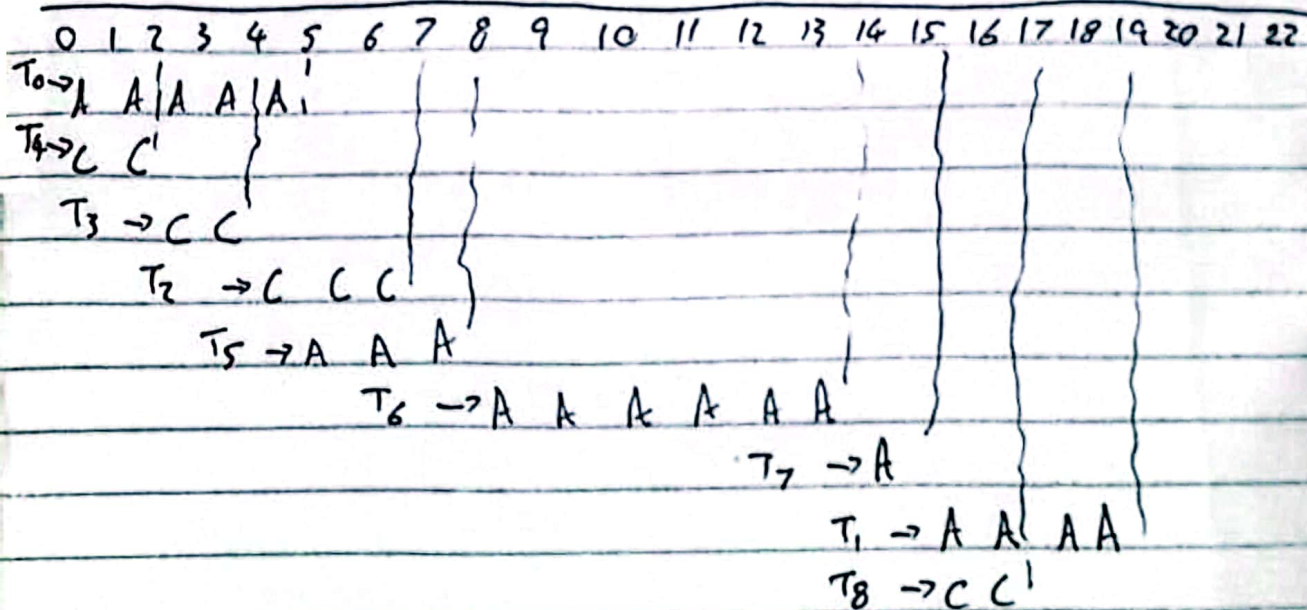
T_7



→ (Suppose All tasks need same skill)

→ We have two resources A and C of this skill.

Tasks	Dur.	Slack	Resource	ES	EF
T ₀	5	0	A A	0	5
T ₁	4	0	A	15	19
T ₂	3	9	C	4	7
T ₃	2	9	C	2	4
T ₄	2	3	C	0	2
T ₅	3	0	A	5	8
T ₆	6	0	A	8	14
T ₇	1	0	A	14	15
T ₈	2	2	C	15	17



→ Also assume that each task needs one resource.