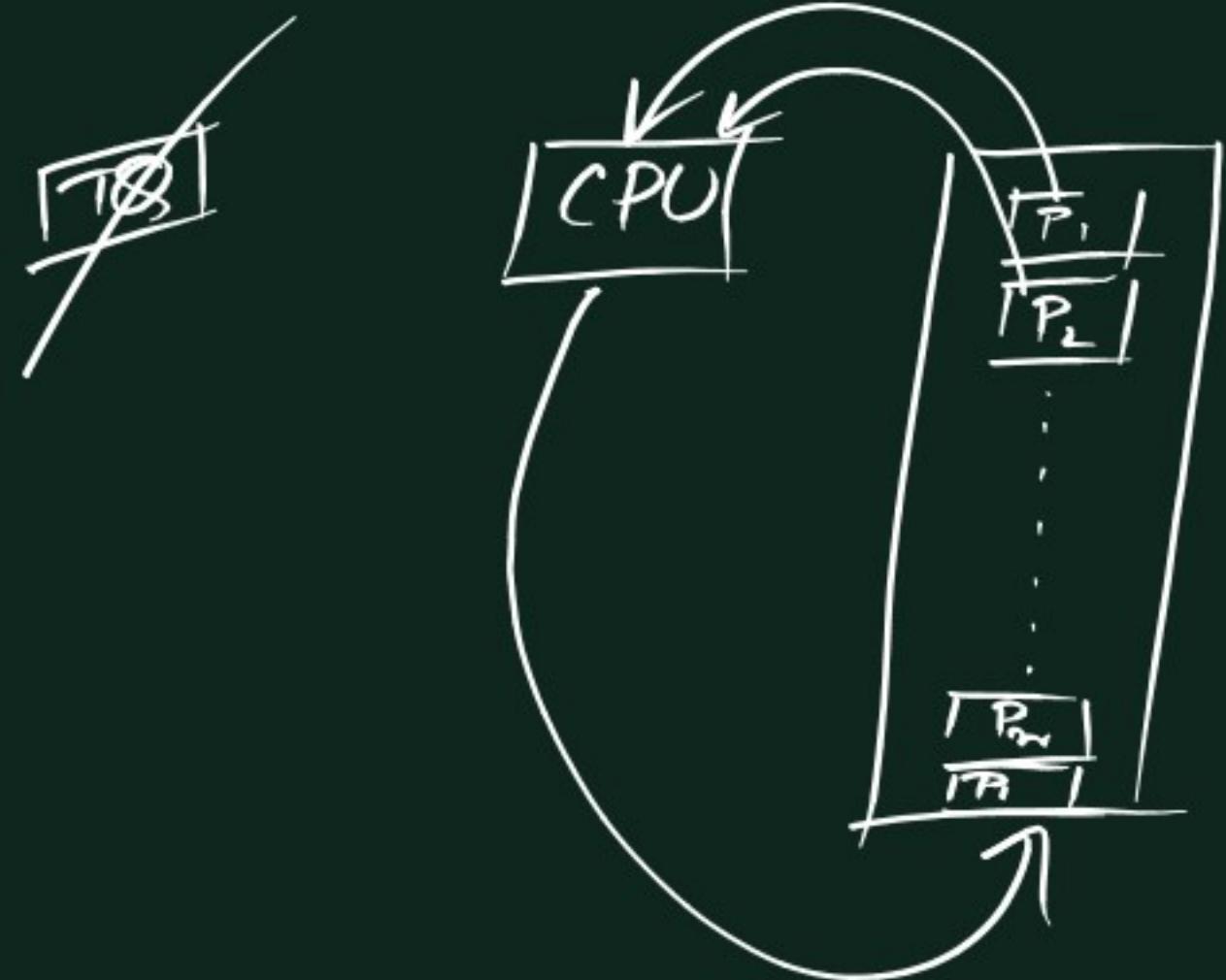
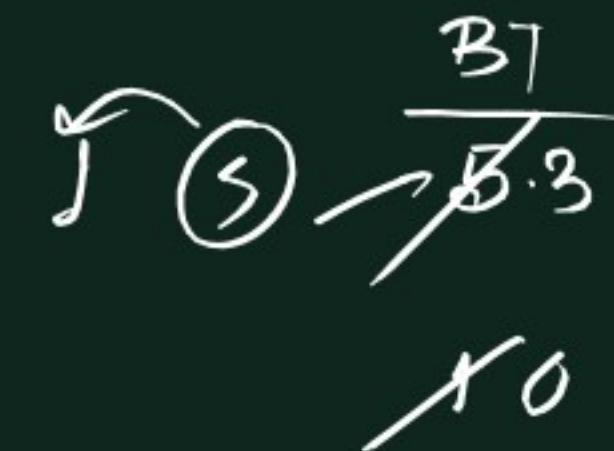
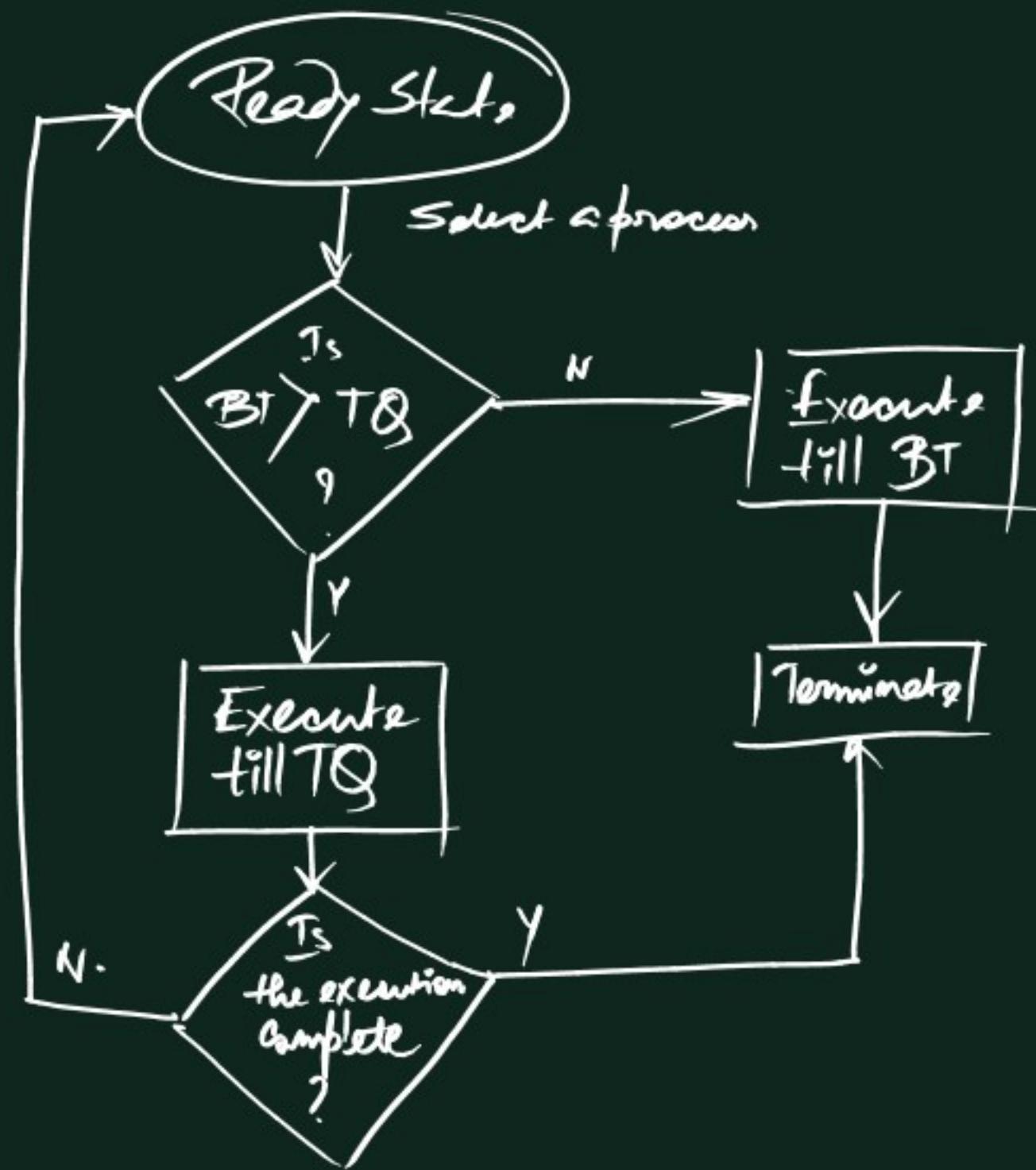


Round Robin CPU Scheduling Algorithm



Round-Robin Flowchart



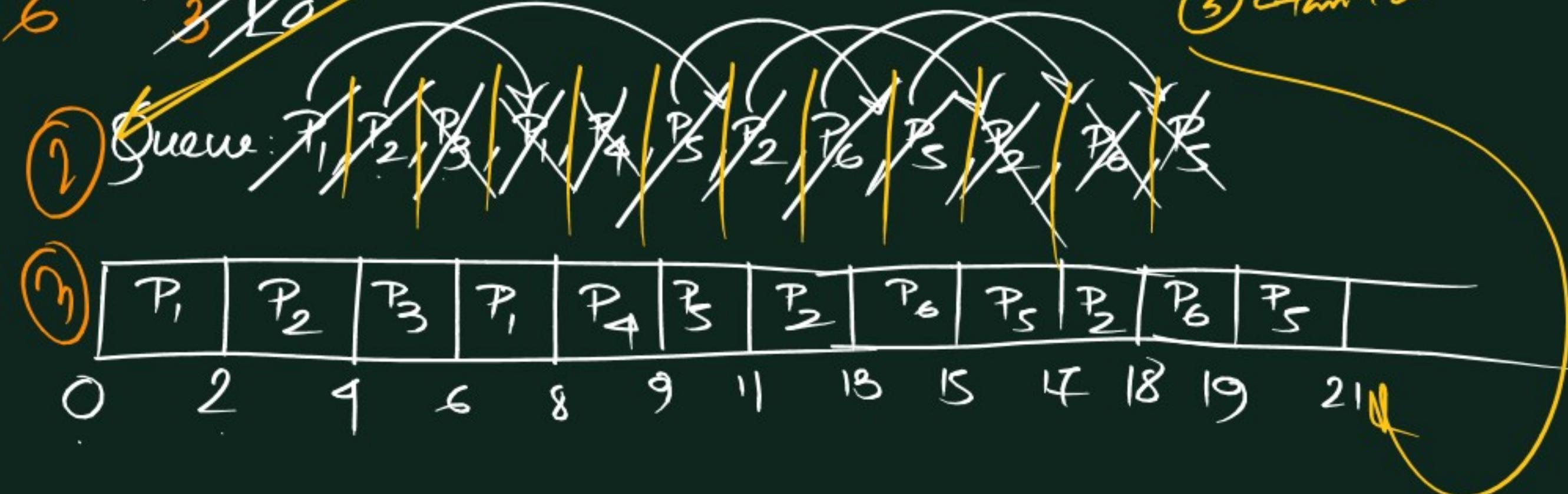
+8. 2

① PNo. AT BT

PNo.	AT	BT
1	0	5 X 0
2	1	5 X Y 0
3	2	2 0
4	3	1 0
5	4	6 X 8 0
6	5	3 X 0

TQ: 2

TQ: 4



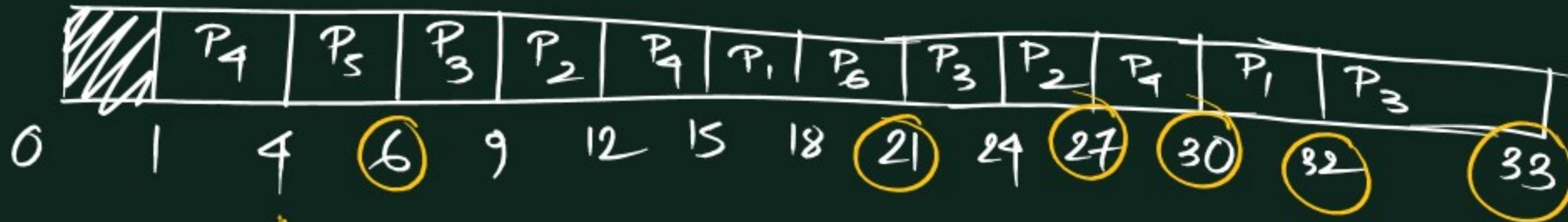
②

Pno.	AT	BT	CT	$(AT - AF)$	$(AT - BT)$	RT
1	5	520	32	27	22	$15 - 5 = 10$
2	4	630	27	23	17	$9 - 4 = 5$
3	3	740	33	30	23	$6 - 3 = 3$
4	1	5630	30	29	20	$1 - 1 = 0$
5	2	20	6	4	2	$4 - 2 = 2$
6	6	30	21	15	12	$18 - 6 = 12$

FTQ:3



$$AWI = 6$$



Q: Consider 4 jobs P_1, P_2, P_3, P_4 arriving in Ready Queue in the same order at time = 0. If BT requirements of these jobs are 9, 1, 8, 1 respectively, what is the completion time of P_1 , assuming R-R with $TQ = 1$.

Ans: 2, 3, 4