

Scheduling algo

22 September 2022 16:43

Non- preemptive

FIRST COME FIRST SERVE

	Arrival time	Burst time	ct	tat	wt
P1	0	6	6	6	0
P2	2	8	14	12	4
P3	4	7	21	17	10
P4	5	3	24	19	14
			avg	13.5	7.5

Complete Time

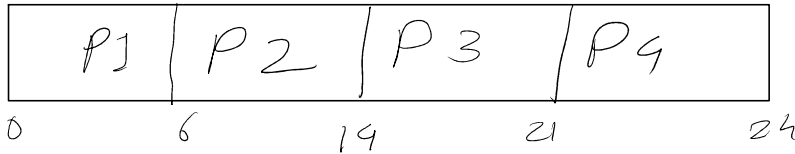
$$CT = BT - AT$$

Turn Around Time

$$TAT = CT - AT$$

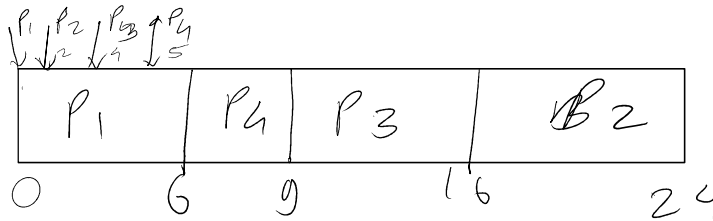
Waiting Time

$$WT = TAT - BT$$



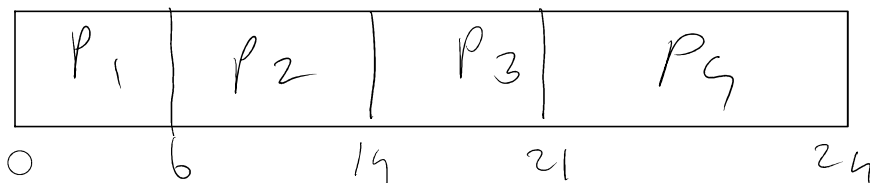
SHORTEST JOB FIRST

	Arrival time	Burst time	ct	tat	wt
P1	0	6	6	6	0
P2	2	8	24	22	14
P3	4	7	16	12	5
P4	5	3	9	4	1
			avg	11	5



LONGEST JOB FIRST

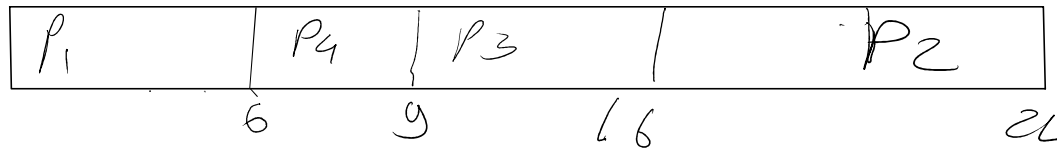
	Arrival time	Burst time	ct	tat	wt
P1	0	6	6	6	0
P2	2	8	14	12	4
P3	4	7	21	21	10
P4	5	3	24	24	14
			avg	13.5	7.5



Preemptive

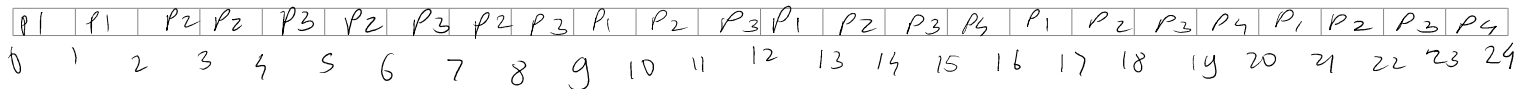
PREEMPTIVE SJF (SHORTEST REMAINING JOB FIRST)

	Arrival time	Burst time	ct	tat	wt
P1	0	6	6	6	0
P2	2	8	24	22	14
P3	4	7	16	12	5
P4	5	3	9	4	1
			avg	11	5



PREEMPTIVE LJF

	Arrival time	Burst time	ct	tat	wt
P1	0	6	21	21	15
P2	2	8	22	20	12
P3	4	7	23	19	12
P4	5	3	24	19	16
			avg	20	13.75



ROUND ROBIN quantum time =3

	Arrival time	Burst time	ct	tat	wt
P1	0	6	15	15	9
P2	2	8	23	21	13
P3	4	7	24	20	13
P4	5	3	12	7	4
			avg	15.75	9.75

