TASK-01

Process	Arrival Time	Burst Time	Start Time	Completion Time	TurnAround Time	Waiting Time
P1	0	5	0	5	5	0
P2	1	3	5	8	7	4
P3	2	8	8	16	14	6
P4	3	6	16	22	19	13

Gantt Chart

P1	P2	P3	P4
0	5	8	16

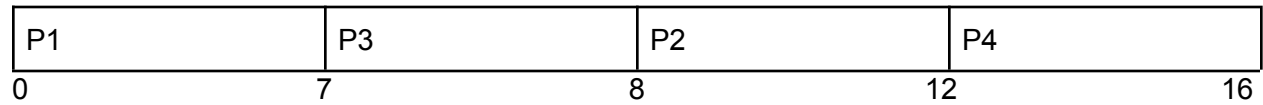0　　　　　　　　　5　　　　　　　　8　　　　　　　　16　　　　　　　22
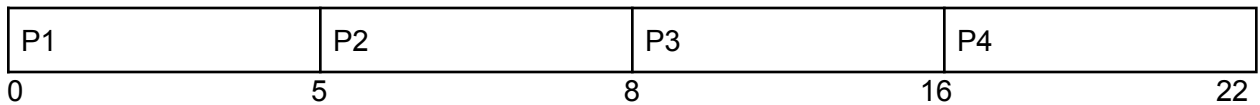
Avg Turn around Time = (5+7+14+19)/4 = **11.25**
Avg Waiting TIme   = (0+4+6+13)/4   = **5.75**

TASK -02

Process	Arrival Time	Burst Time	Start Time	Completion Time	TurnAround Time	Waiting Time
P1	0	7	0	7	7	0
P2	2	4	8	12	10	6
P3	4	1	7	8	4	3
P4	5	4	12	16	11	7

Gantt Chart

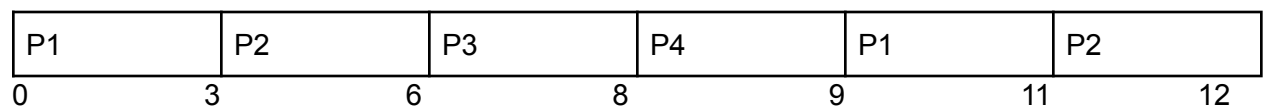| P1	P3	P2	P4
0	7	8	12	16

Avg Turn around Time = (7 + 10 + 4 + 11) / 4 = **8**
Avg Waiting TIme   = (0 + 6 + 3 + 7) / 4 = **4**

TASK -03

Process	Arrival Time	Burst Time	Completion Time	TurnAround Time	Waiting Time
P1	0	5	11	11	6
P2	1	4	12	11	7
P3	2	2	8	6	4
P4	3	1	9	6	5

Gantt Chart

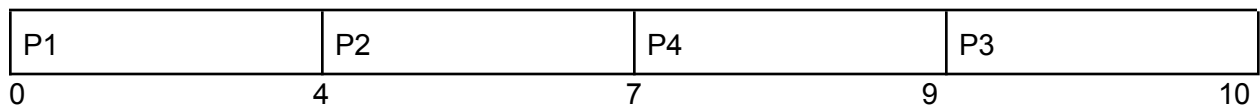| P1	P2	P3	P4	P1	P2
0	3	6	8	9	11	12

Avg Turn around Time =(11 + 11 + 6 + 6) / 4 = **8.5**
Avg Waiting TIme   = (6 + 7 + 4 + 5) / 4 = **5.5**

TASK -04

Process	Arrival Time	Burst Time	Start Time	Completion Time	TurnAround Time	Waiting Time
P1	0	4	0	4	4	0
P2	1	3	4	7	6	3
P4	3	2	7	9	6	4
P3	2	1	9	10	8	7

Gantt Chart

P1	P2	P4	P3
0	4	7	9

10

Avg Turn around Time = (4 + 6 + 6 + 8) / 4 = **6**
Avg Waiting TIme   = (0 + 3 + 4 + 7) / 4 = **3.5**