Program 7

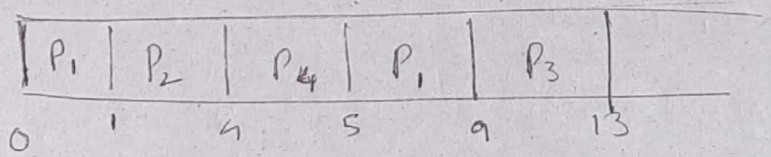
Shortest Remaining Time First

Criteria : Burst Time
mode : Preemptive

TAT = CT - AT
WT = TAT - BT
RT = 1st CPU first time - AT

Process	Arrival Time	Burst Time	Completion Time	TAT	WT	RT
P_1	0	84	9	9	4	0
P_2	1	320	4	3	0	0
P_3	2	4	13	11	7	7
P_4	4	1	5	1	0	0

Gantt Chart



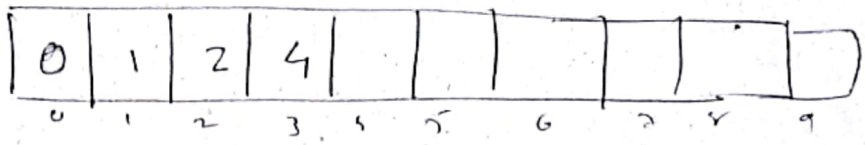
Avg TAT = $\frac{24}{4} = 6$

Avg WAT = $\frac{11}{4} = -$

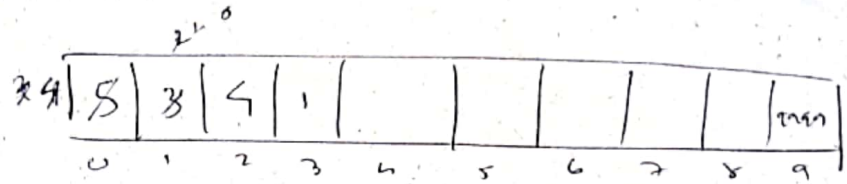
Avg RT = $\frac{7}{4} = -$

Variables

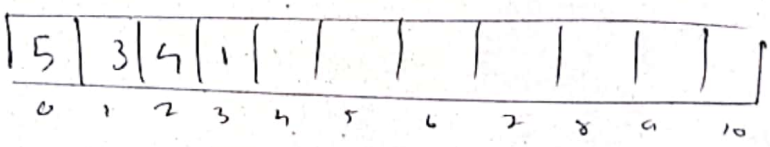
arrival_time



burst_time



temp



i = 0

Smallest = 1

Count = 1

time = 1

Limit = 4

wait time = 0

turn AT = 0

Avg wait =

Avg TAT =

end = F