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C:\Users\amarn\Favorites\New\MVSearch\OS>gcc prio-pre.c
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C:\Users\amarn\Favorites\New\MVSearch\OS>a
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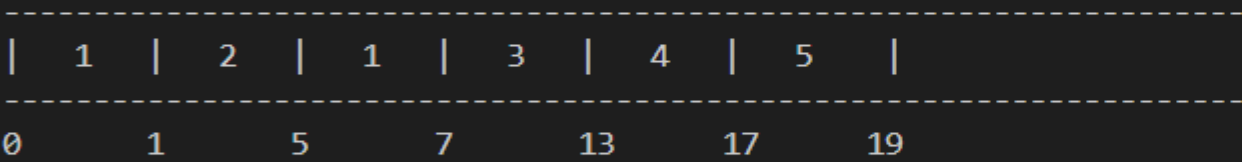
Priority Preemptive Scheduling

Enter the number of processes: 5

Enter the arrival time, burst time, and priority of each process

P1 : 0 3 3  
P2 : 1 4 2  
P3 : 2 6 4  
P4 : 3 4 6  
P5 : 5 2 10  
| P1 |1 P2 |2 P2 |3 P2 |4 P2 |5 P1 |6 P1 |7 P3 |8 P3 |9 P3 |10 P3 |11 P3 |12 P3 |13 P4 |14 P4 |15 P4 |16 P4 |17 P5 |18 P5 |19

Gantt Chart



Process	AT	BT	CT	TAT	WT
P1	0	3	7	4	7
P2	1	4	5	0	4
P3	2	6	13	5	11
P4	3	4	17	10	14
P5	5	2	19	12	14

Average waiting time = 6.20

Average turnaround time = 10.00

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