Çankaya University - SENG315 - 2024 Fall – Assignment II

Consider the following set of processes that arrive at time 0, with the length of the CPU bursts given in milliseconds. Use FCFS, Non-preemptive SFJ and RR scheduling algorithm with a time quantum of 10 milliseconds. Give the **Gantt charts** and calculate the **average waiting time** and **turnaround** values.

Process	Burst Time
Write your student number:	
P_1	2nd and 4th digit of your student number :
P_2	1st and 3rd digit of your student number :
P_3	5th and 7th digit of your student number :
P_4	6th and 1st digit of your student number :
P_5	7th and 2nd digit of your student number :
Note: If the first digit of processes (based on your student number) is zero, use only the second digit. If both are zero use 1. Omit the "c" character in front of your student number.	

1. FCFS

2. Non-preemptive SFJ

3. RR with time quantum = 10 milliseconds