

## Solution of Quiz4

1. Please explain the difference between Non-preemptive Scheduling and preemptive Scheduling.

Non-preemptive Scheduling: Processes run until they have finished or block for I/O.

Preemptive Scheduling: Can forcibly suspend a process and switch to another.

2. Gantt Chart:

FCFS

P1	idle	P2	P3	P1	P2	P3	idle	P1	Finish
0	4	13	30	36	44	46	54	56	57

RR (Quantum = 5)

P1	idle	P2	P3	P2	P3	P2	P1	P2	P3
0	4	13	18	23	28	29	34	39	41

P1	P3	idle	P2	idle	P1	Finish			
46	49	52	53	55	61	62			