

OS Assignment Task  
Marks: 20 Marks

1. Consider the following processes and burst times

Process	Burst Time
P1	5
P2	3
P3	2
P4	8
P5	1

Applying FCFS, non-preemptive SJF and Round Robin (Time Quantum = 3), compare their performance (by comparing their average waiting time). (must draw Gantt chart) (4 Marks)

2. What is the problem of using Priority scheduling and how it can be solved? (1 Marks)
3. Which operating system do you prefer and justify your preference? (1)
4. Calculate Individual and Average waiting time for each examples mentioned on slide 6...you just have to calculate the individual and average waiting time of each example of slide 6 (4 Marks).
5. Show one example of CAT command (3)
6. Show one example of SORT command (3)
7. Elaborate permission of files and folder (hints: describe using CHMOD command) (4)