

Lecture 6 – COMP 304 Handout by Didem Unat

1)

<u>Process</u>	<u>Burst Time</u>
P ₁	24
P ₂	3
P ₃	3

Suppose that the processes arrive in the order: P₁, P₂, P₃

What is the Gantt Chart for the schedule for First-Come, First Served?

What is the waiting time for processes?

What is the average waiting time?

2) Shortest job first (SJF)

<u>Process</u>	<u>Arrival Time</u>	<u>Burst Time</u>
P ₁	0.0	7
P ₂	2.0	4
P ₃	4.0	1
P ₄	5.0	4

- What is the Gantt Chart for **the non-preemptive** SJF schedule?
- What is the average waiting time?

- What is the Gantt Chart for the **preemptive** SJF schedule?
- What is the average waiting time?