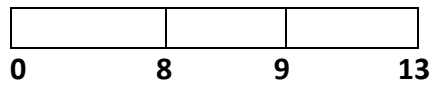
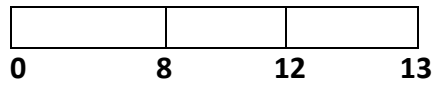


a- GANTT chart using SJF:



Gant chart for FCFS:



b- Average turnaround for these processes: $(8 + (12 - 0.4) + (13 - 1)) / 3 = 10.53$

c- Average turnaround for these processes: $(8 + (9 - 1) + (13 - 0.4)) / 3 = 9.53$