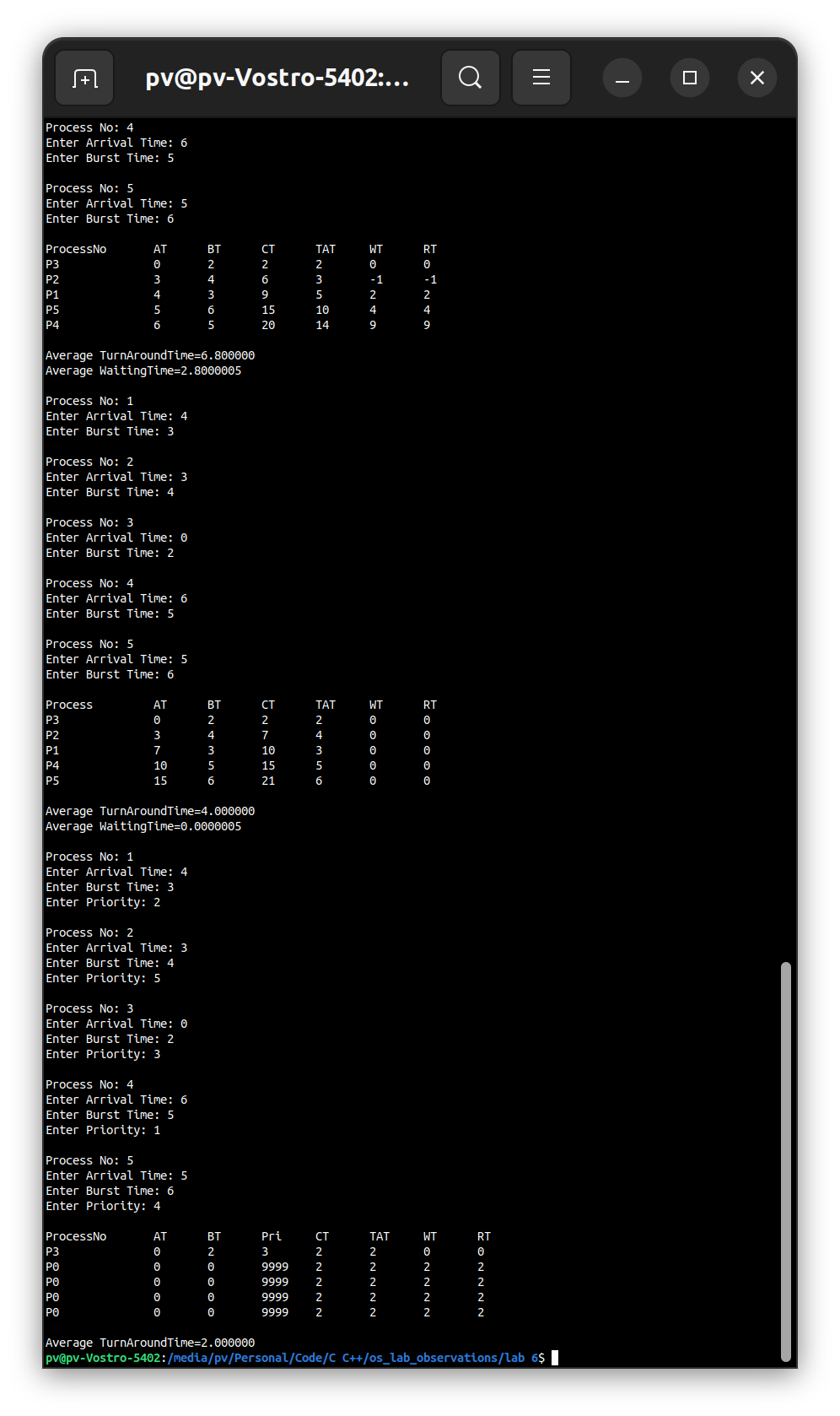
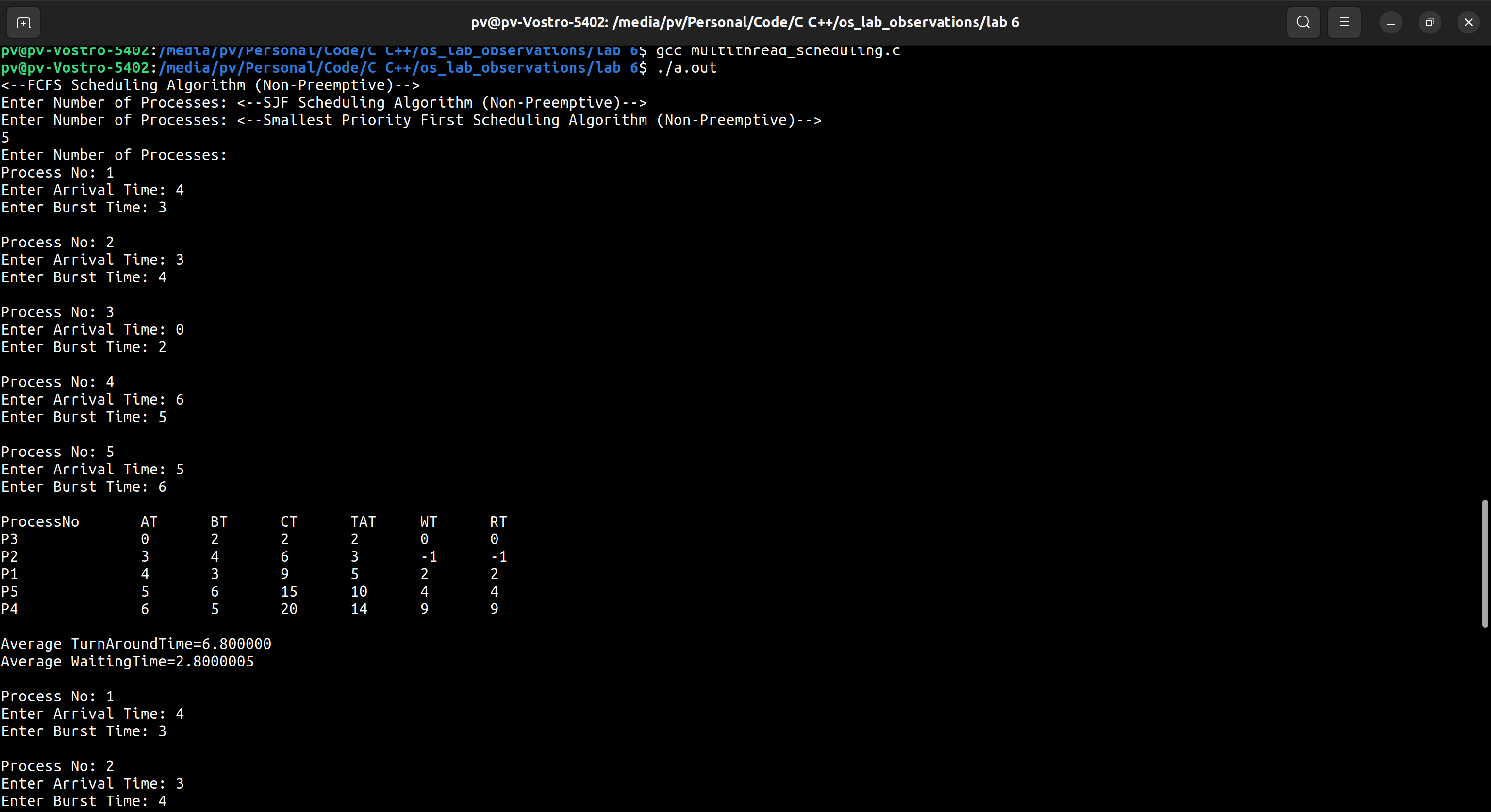
Name - Mihir Biswas

Reg.no – 21BCE5192

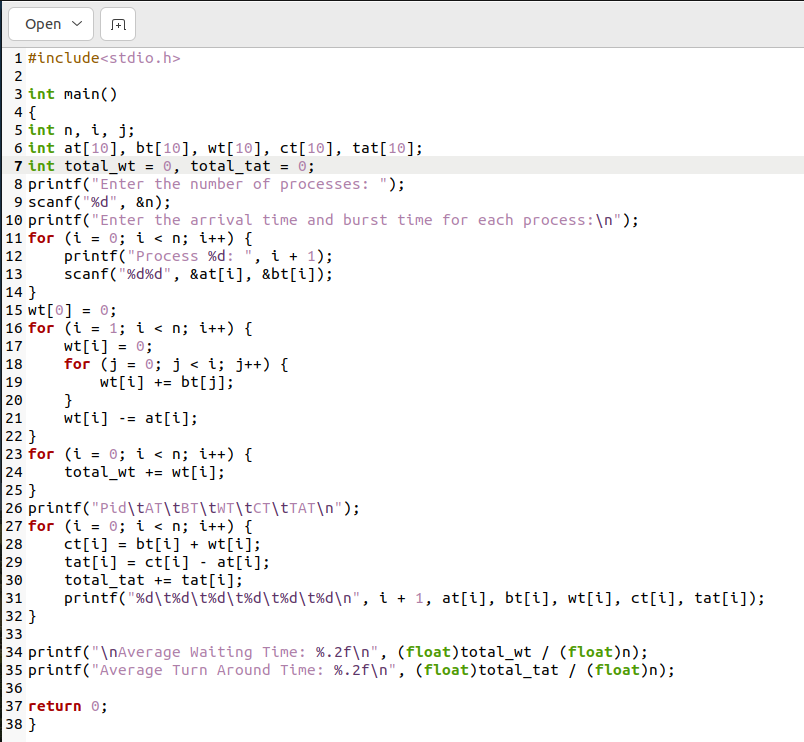
Date – 08/02/2023

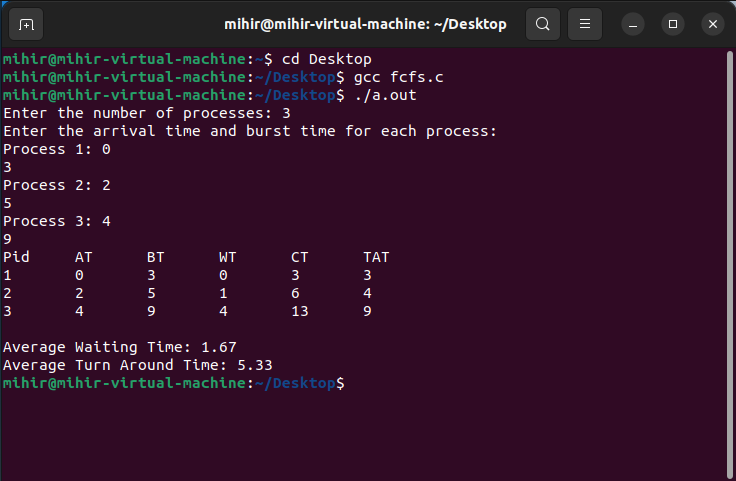
Slot – F2



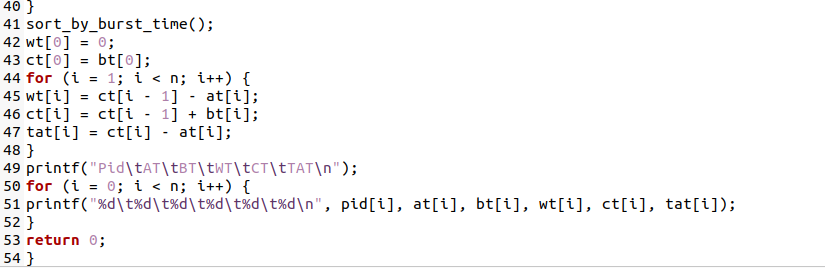
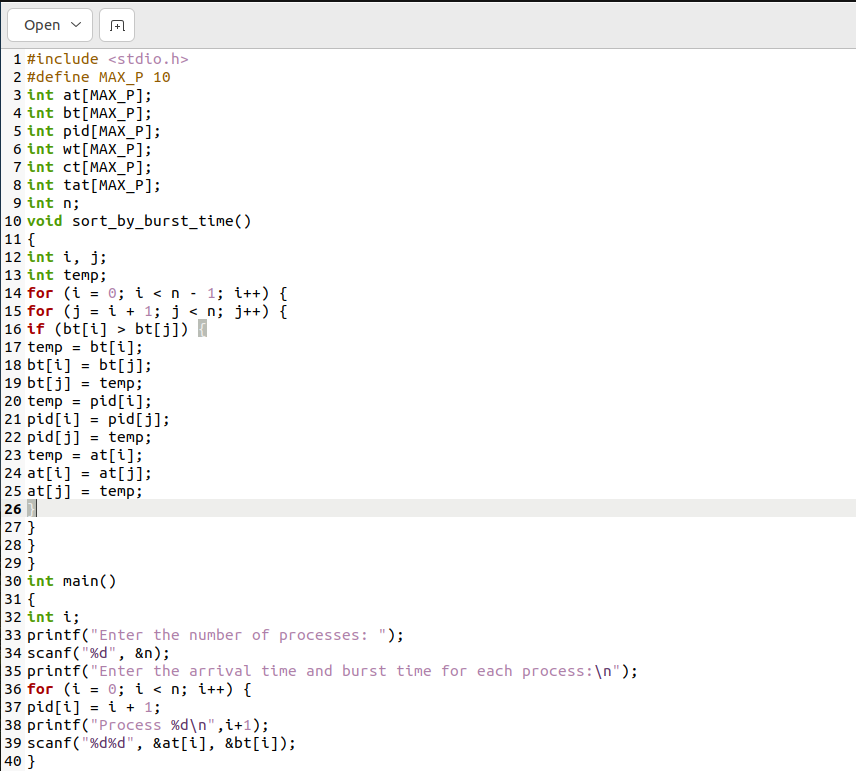
EXP-6

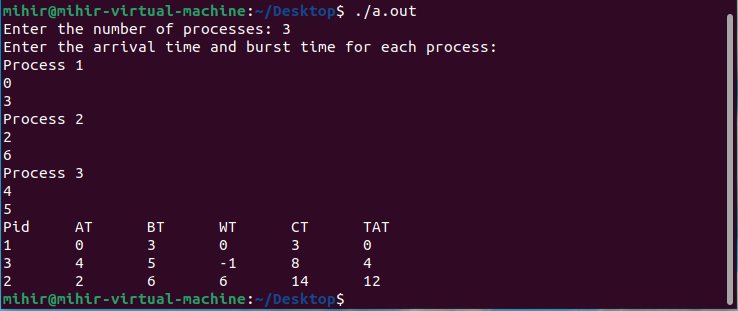
1) Implement FCFS scheduling



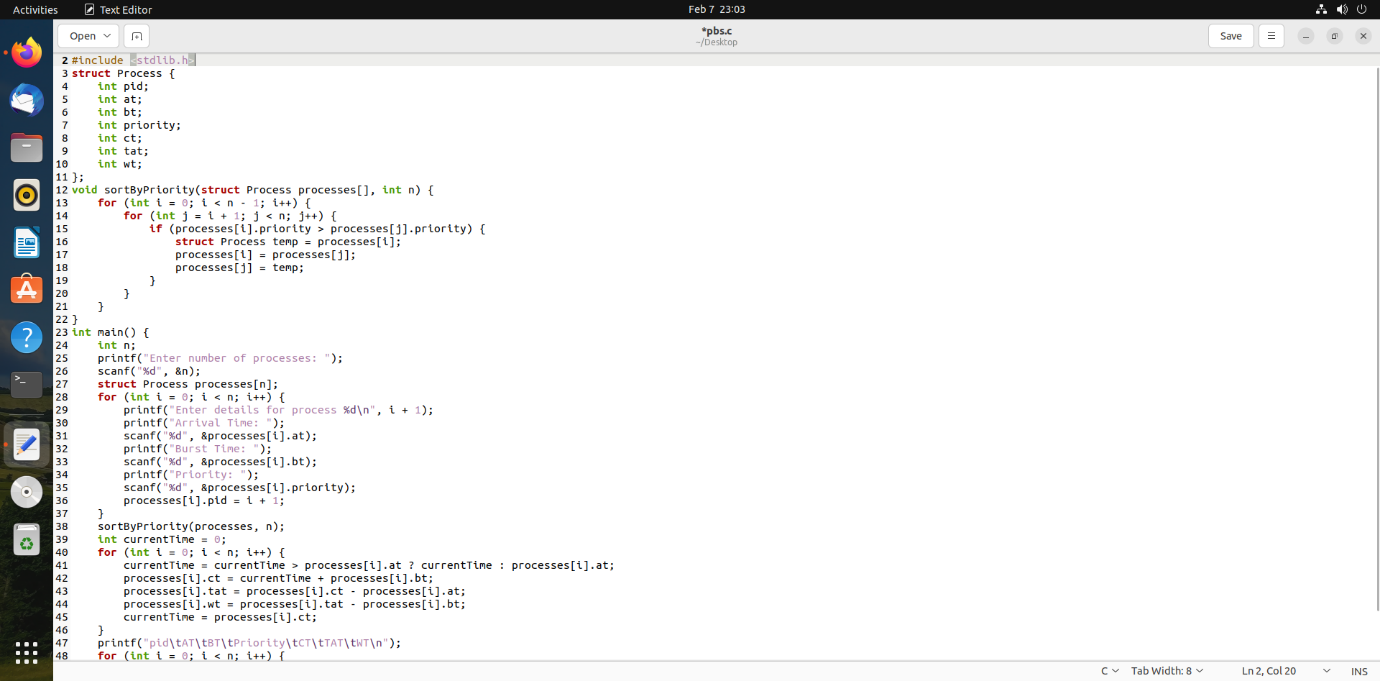


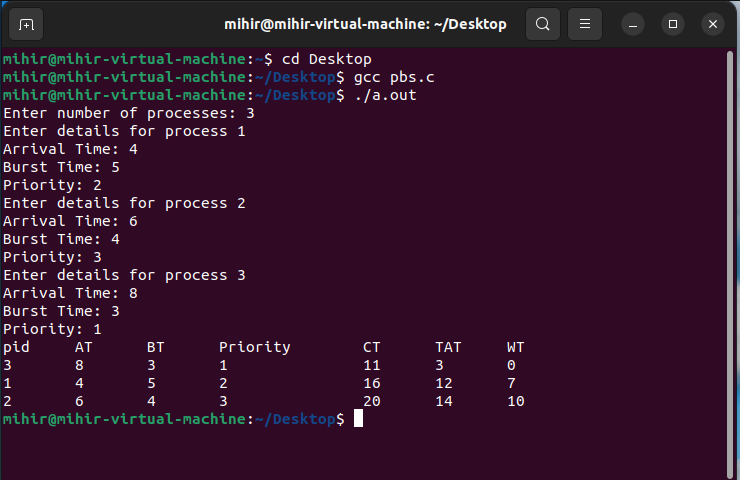
Implement SJF scheduling





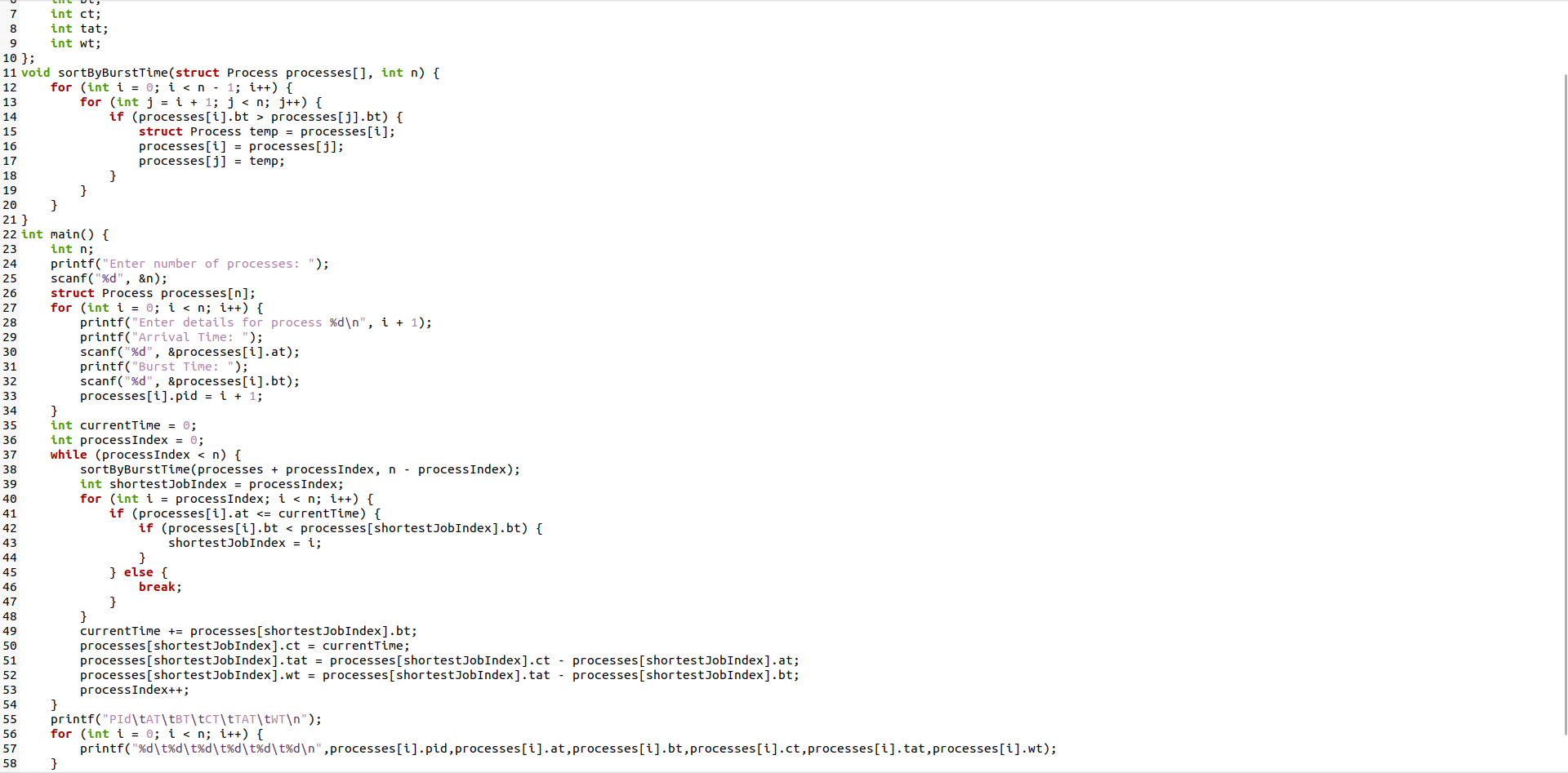
Implement PBS scheduling

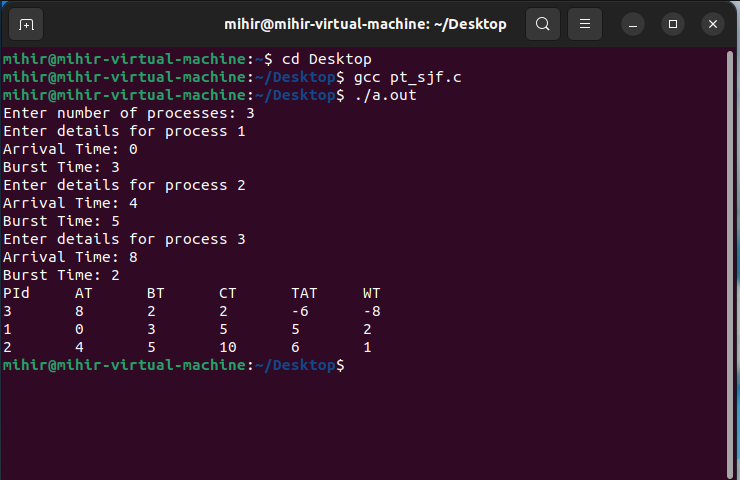




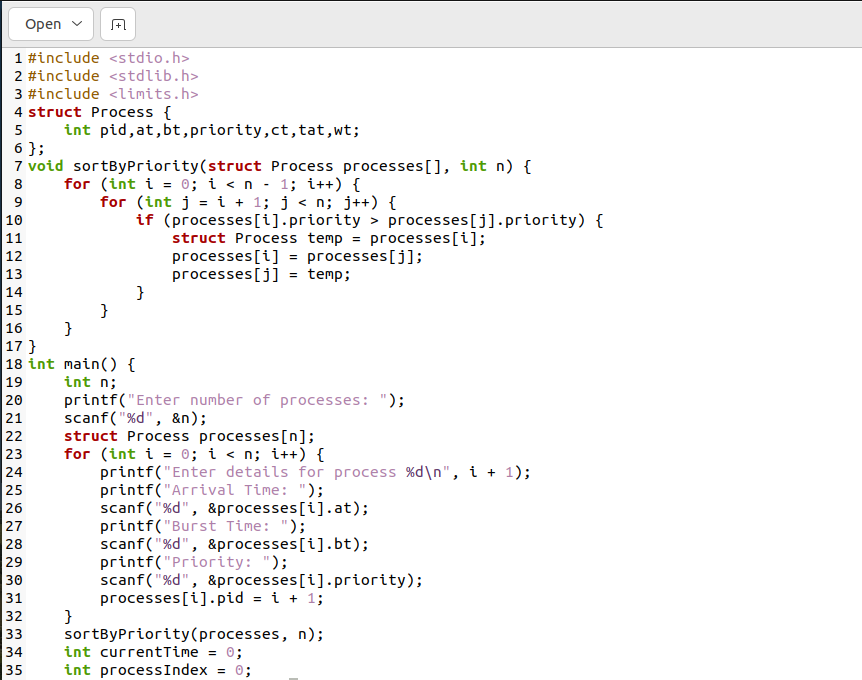
2) Implement the pre-emptive version of SJF and PBS

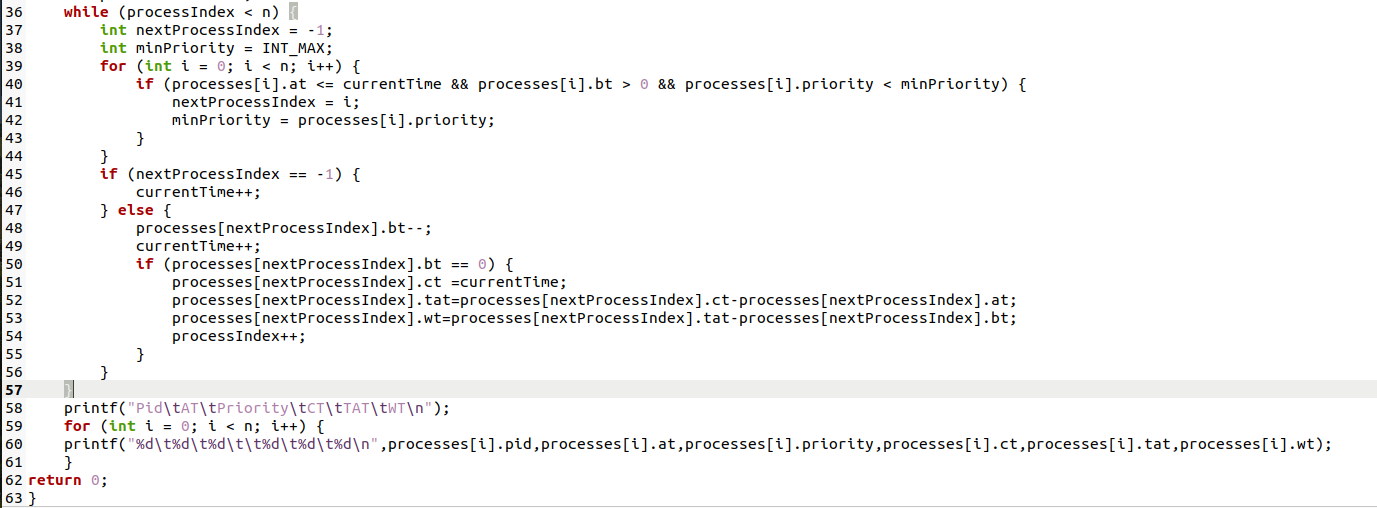
SJF:

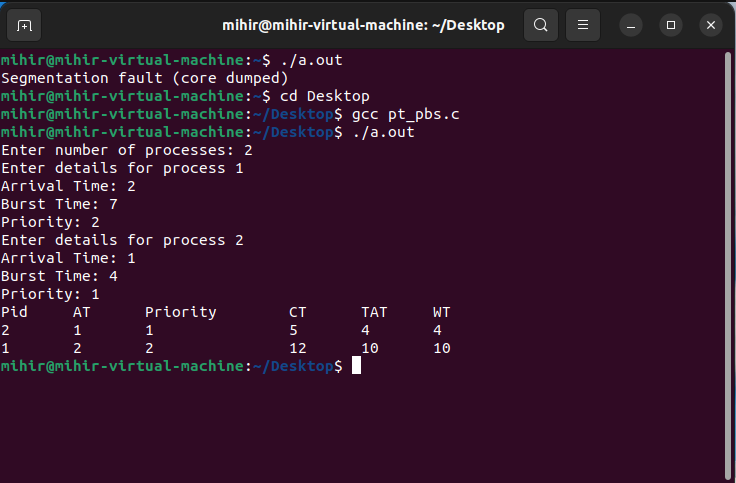




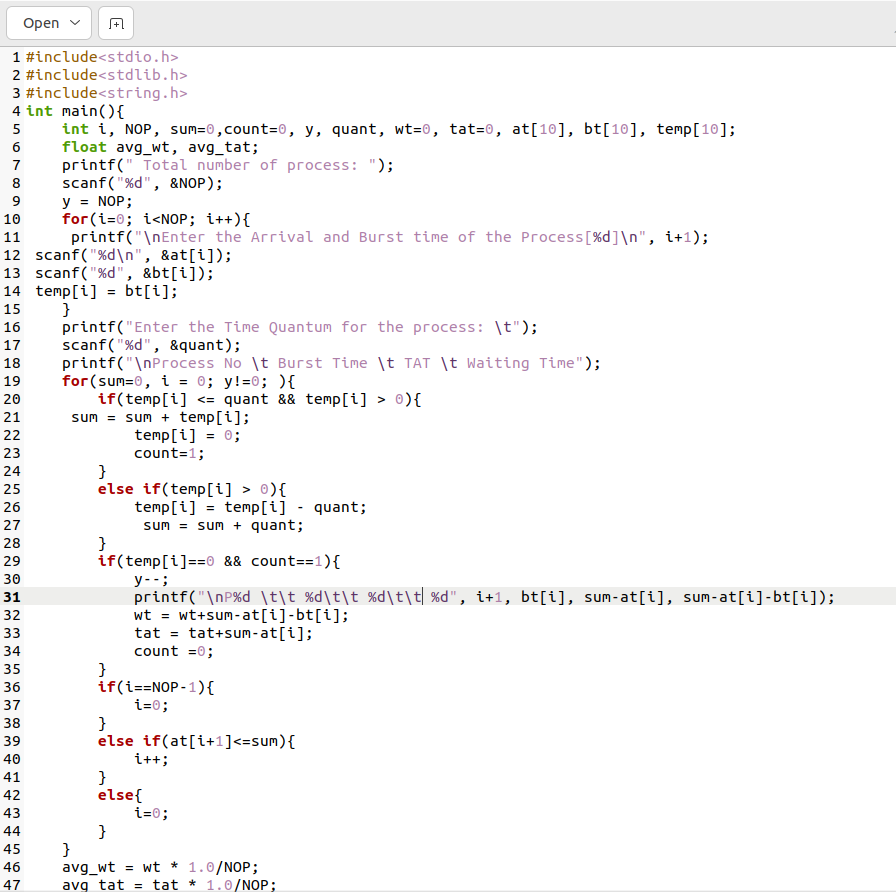
PBS:

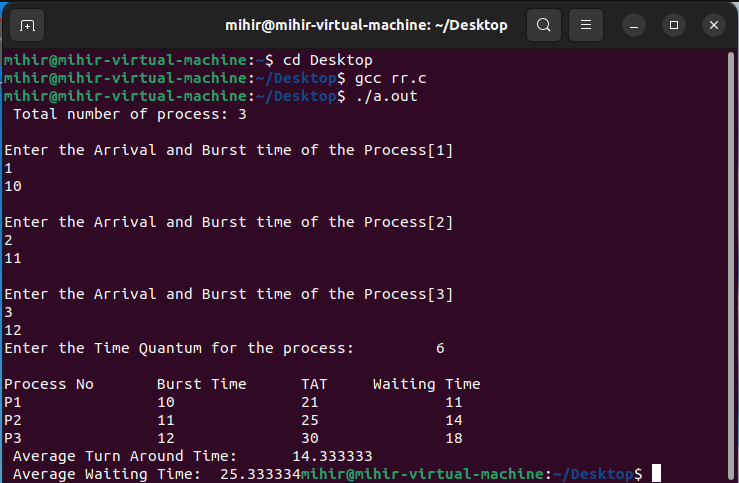






3) Implement the RR scheduling. calculate waiting time, response time, CT, TAT for all the processes.





4) Create 3 threads and ensure that each thread does (FCFS, non-pre-emptive SJF, non-pre-emptive PBS) and returns the process id which has the longest waiting time. Display the process id with longest waiting time in main ().

