OPERATING SYSTEM

**Name:** Aditya Shimpi

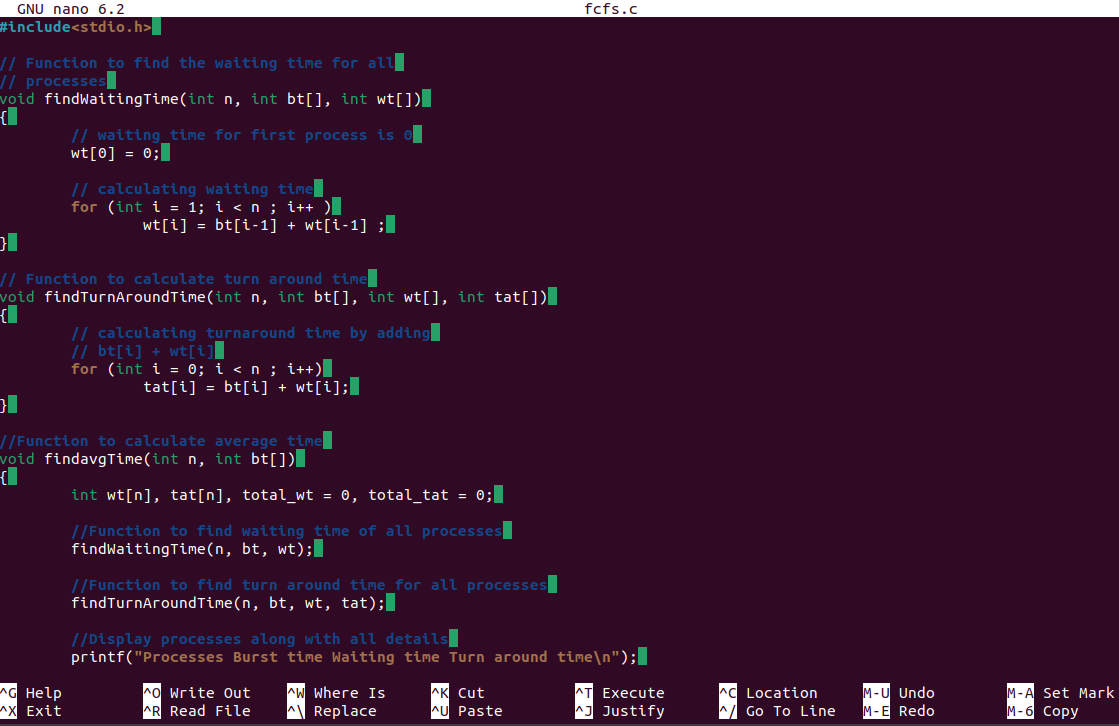
**AI-DS Div C** Batch 2

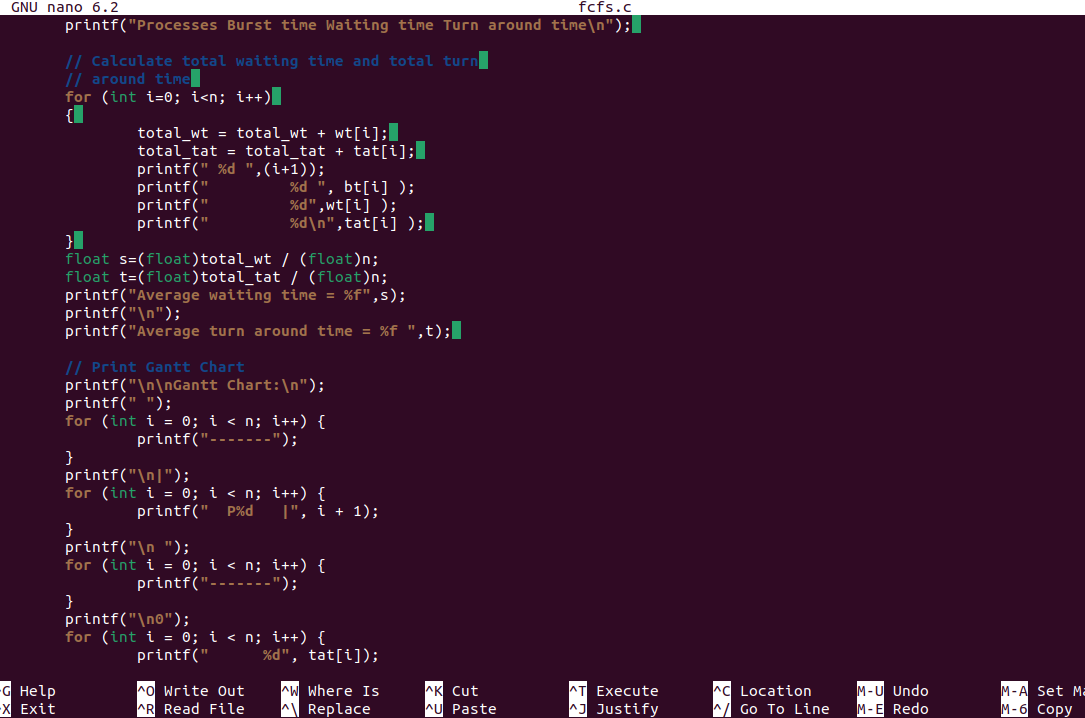
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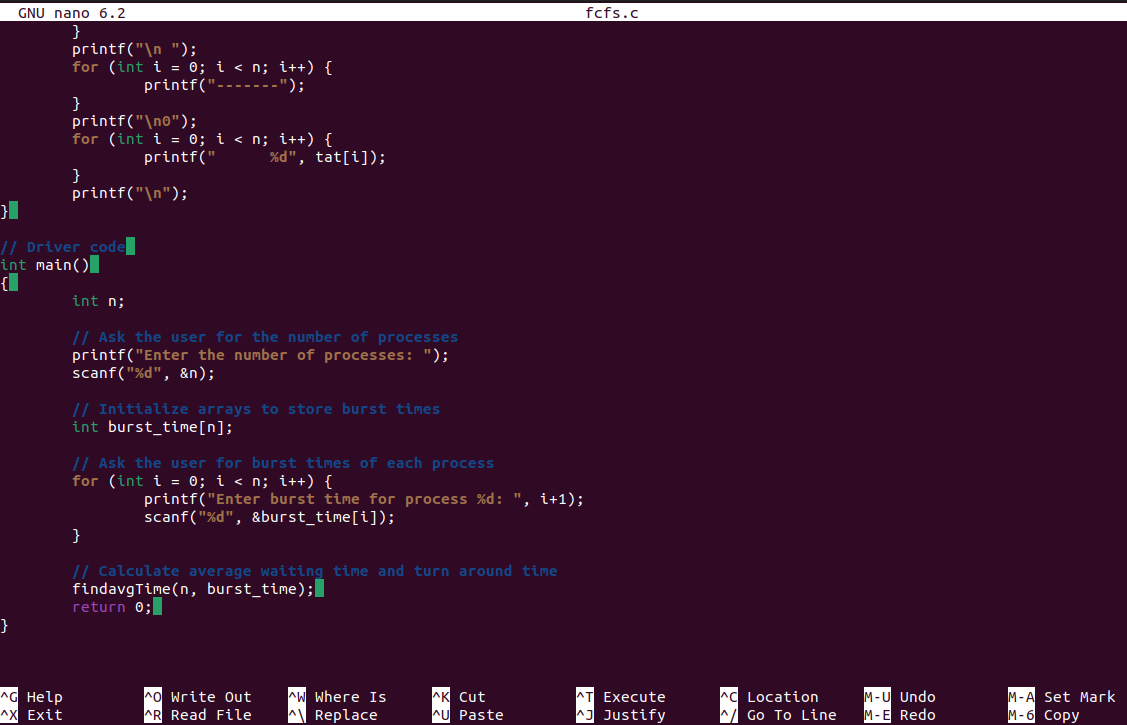
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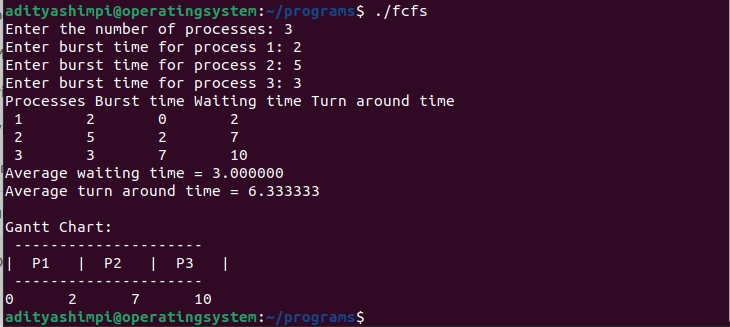
**OS Lab Assignment No. 6: CPU Scheduling Algorithms.**

**Write a program to compute the finish time, turnaround time and waiting time for the following algorithms: a) First come First serve b) Shortest Job First (Preemptive and Non-Preemptive) c) Priority (Preemptive and Non-Preemptive) d) Round robin**

1] FCFS:  
CODE:  




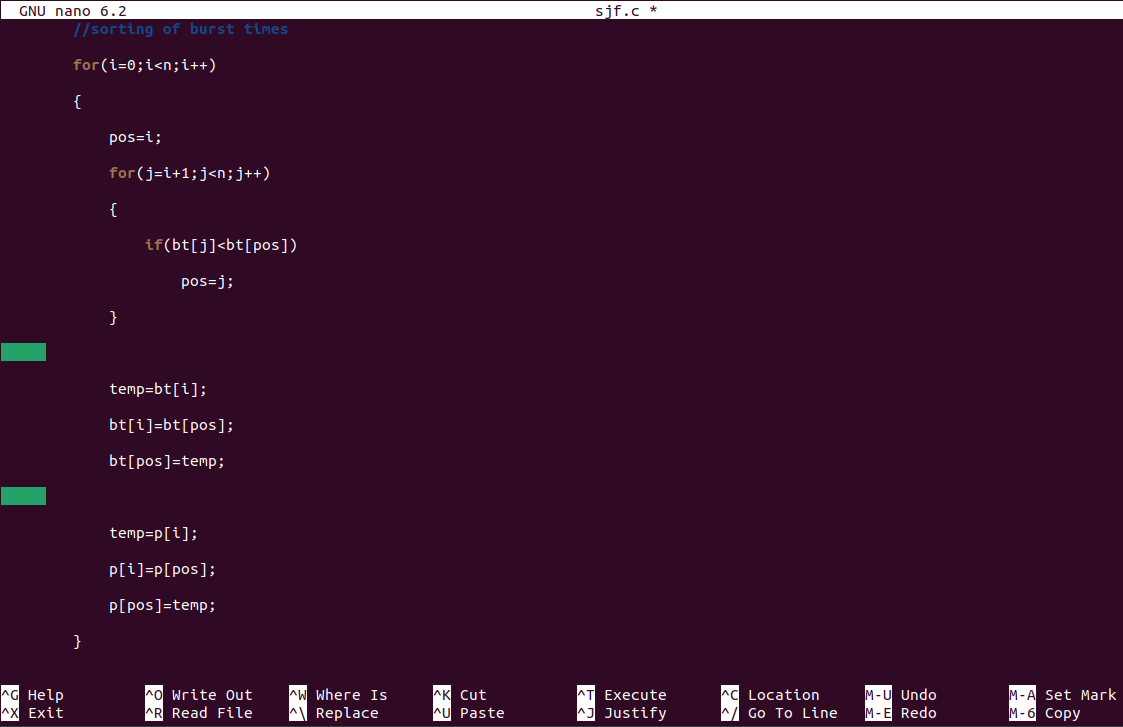


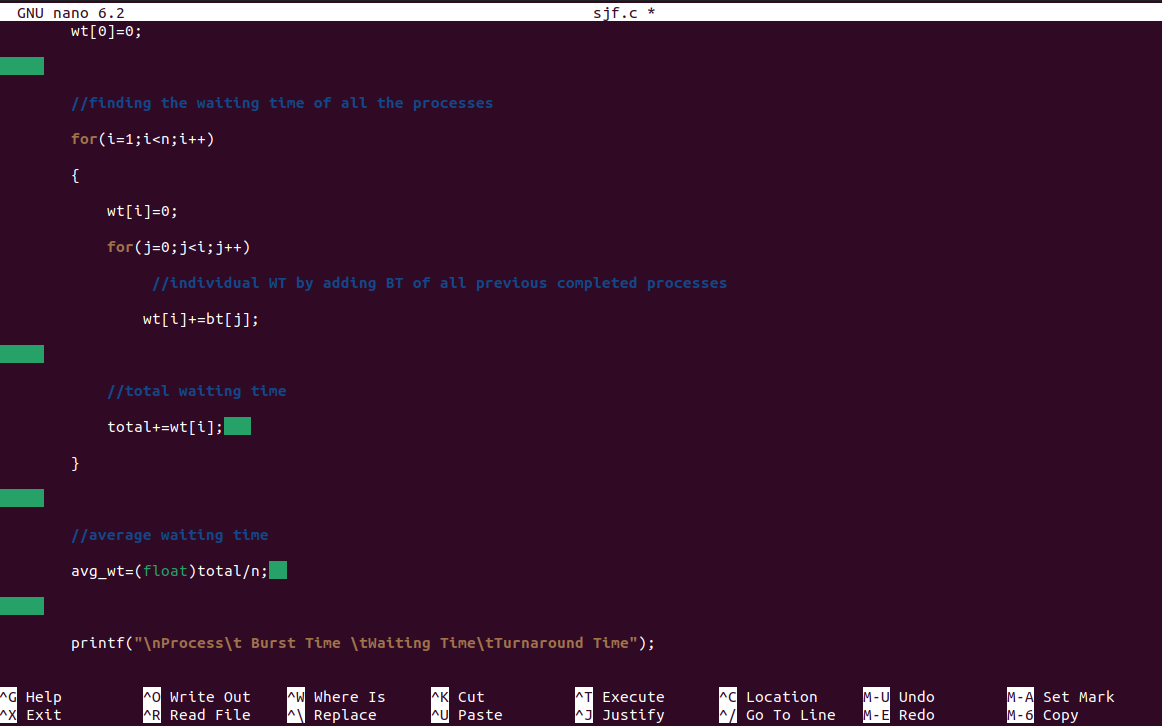
OUTPUT:  


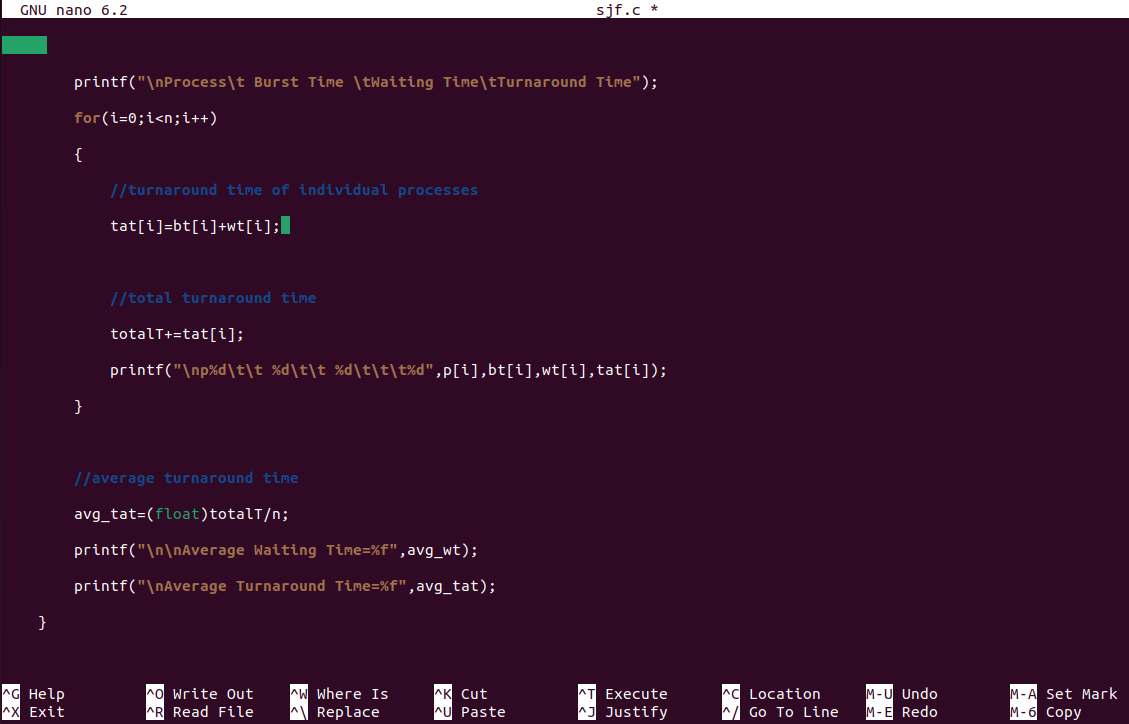
2] a) SJF (Non-pre-emptive)

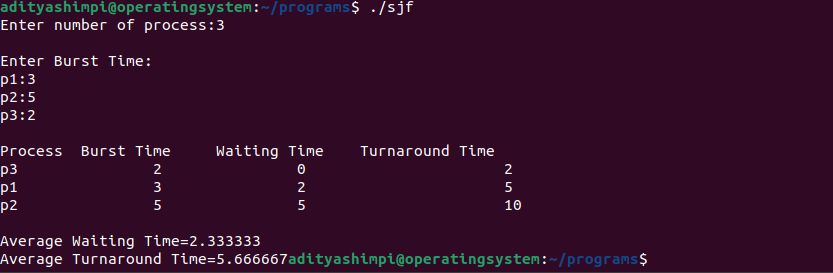
CODE:



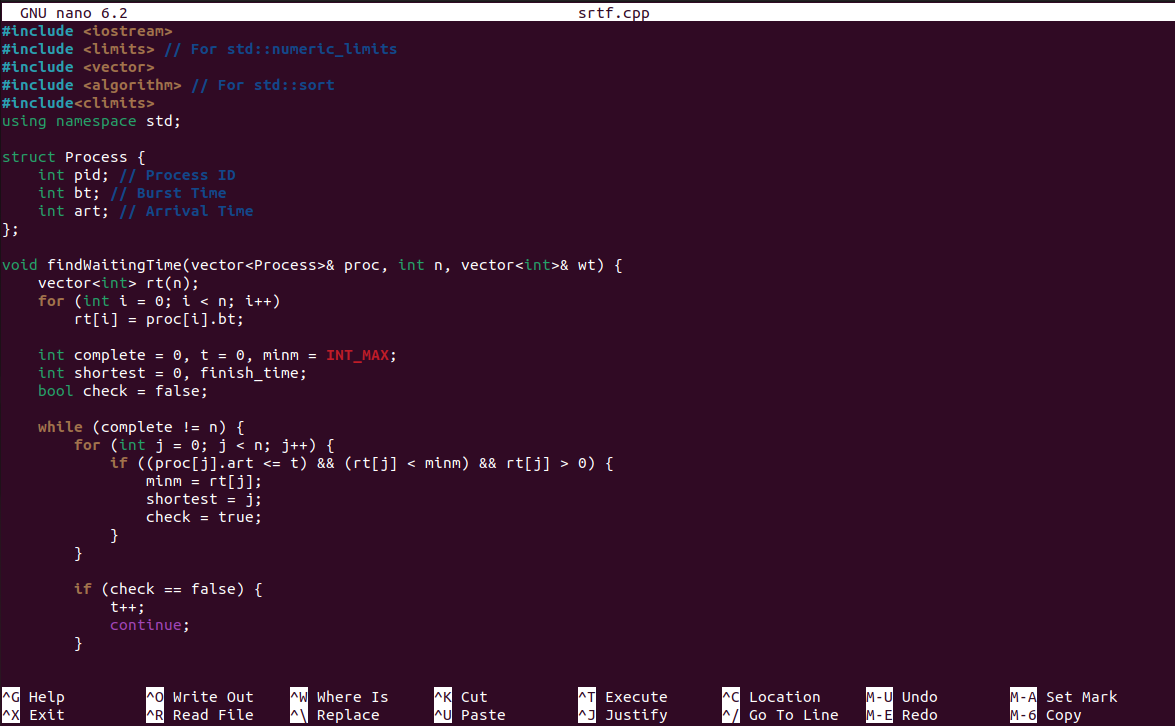


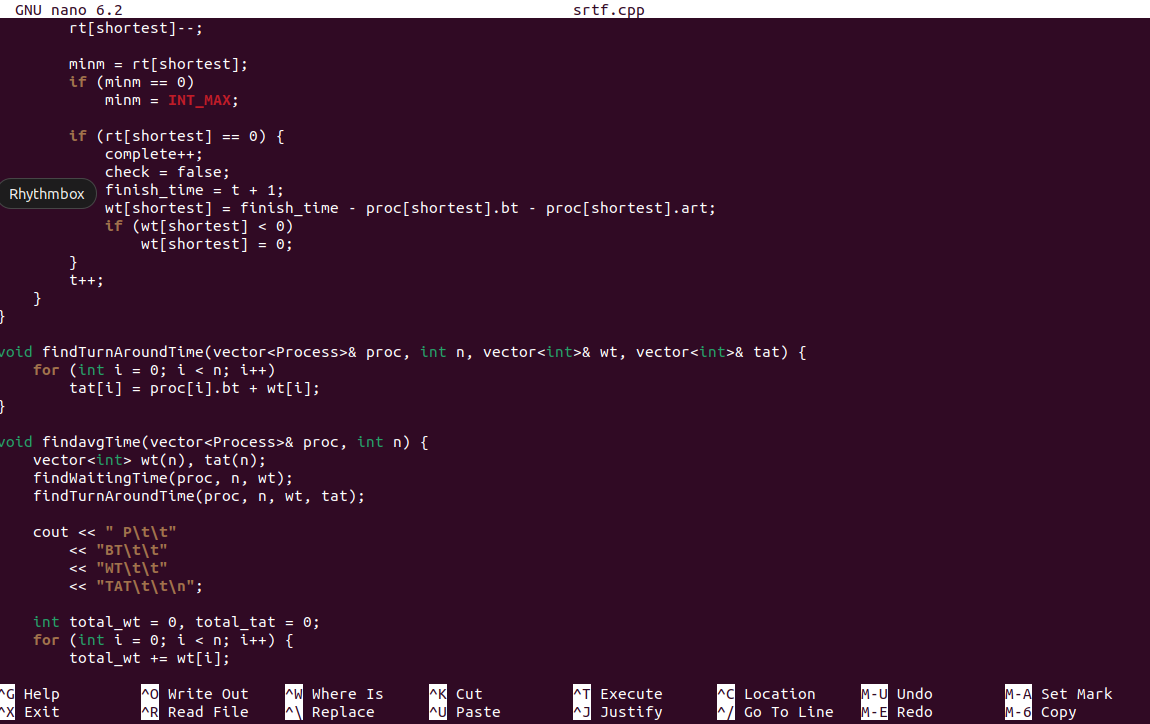




OUTPUT:  


2] b) SRTF (SJF pre-emptive)

CODE:  






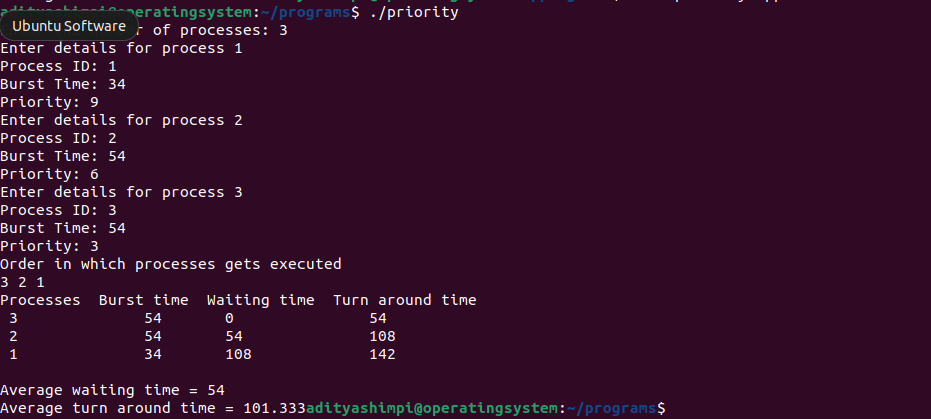
OUTPUT:  


3] Priority Scheduling:

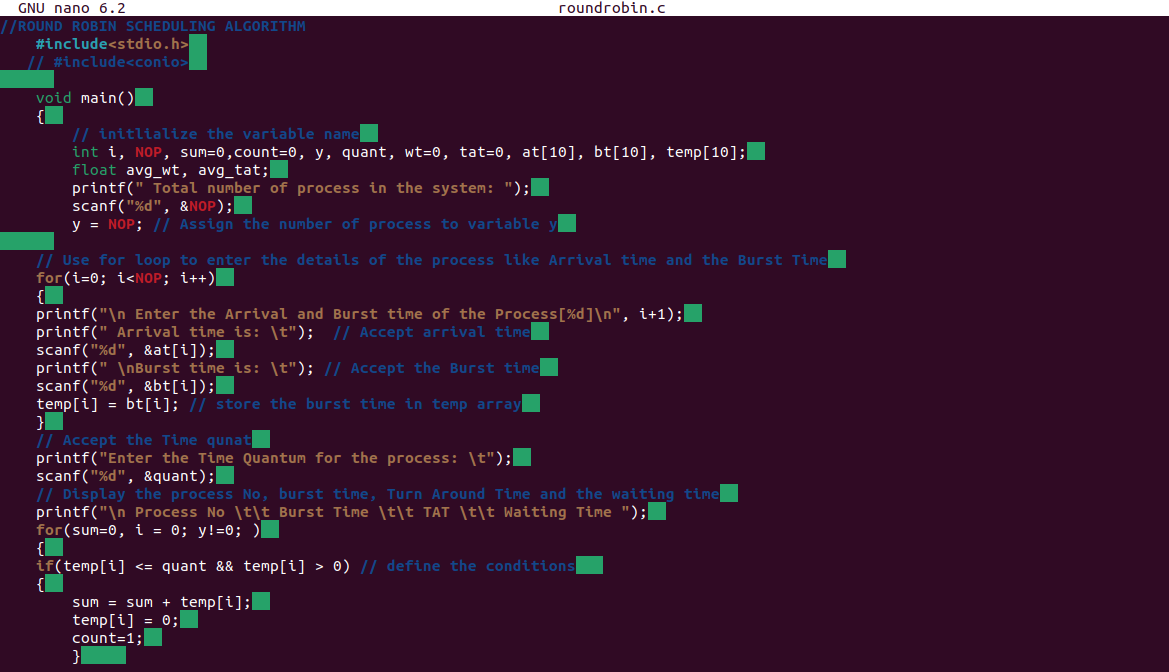


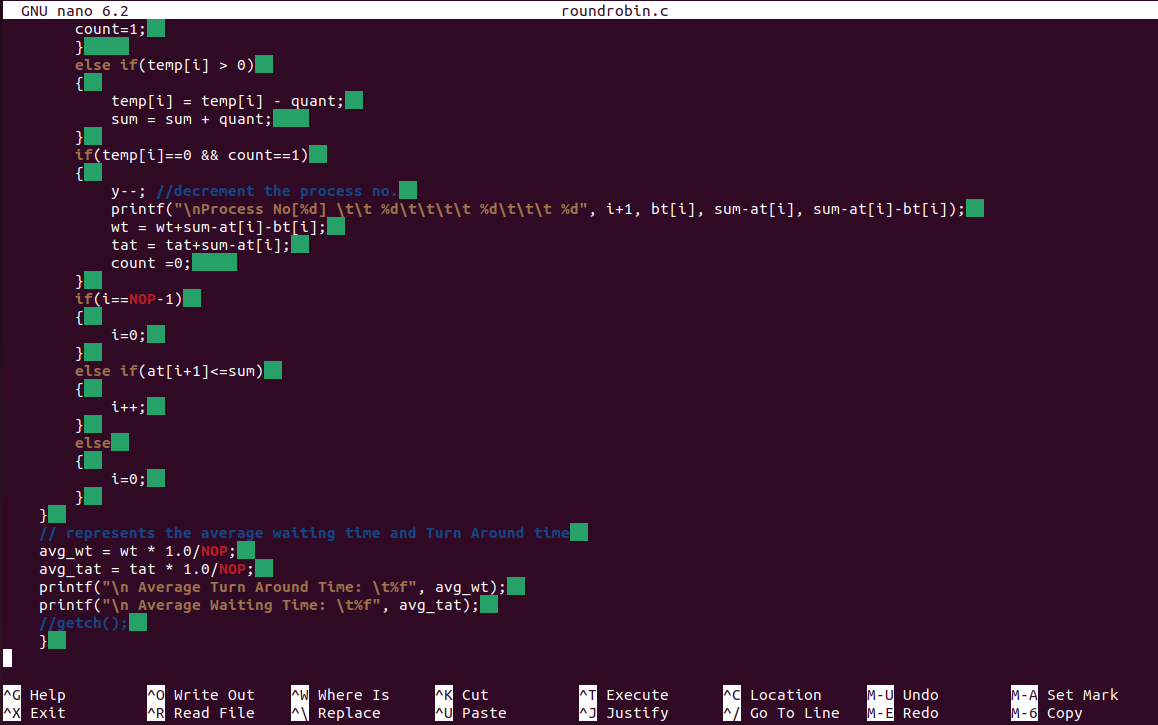




OUTPUT:  


**4] Round robin**

**CODE:**



OUTPUT:  
