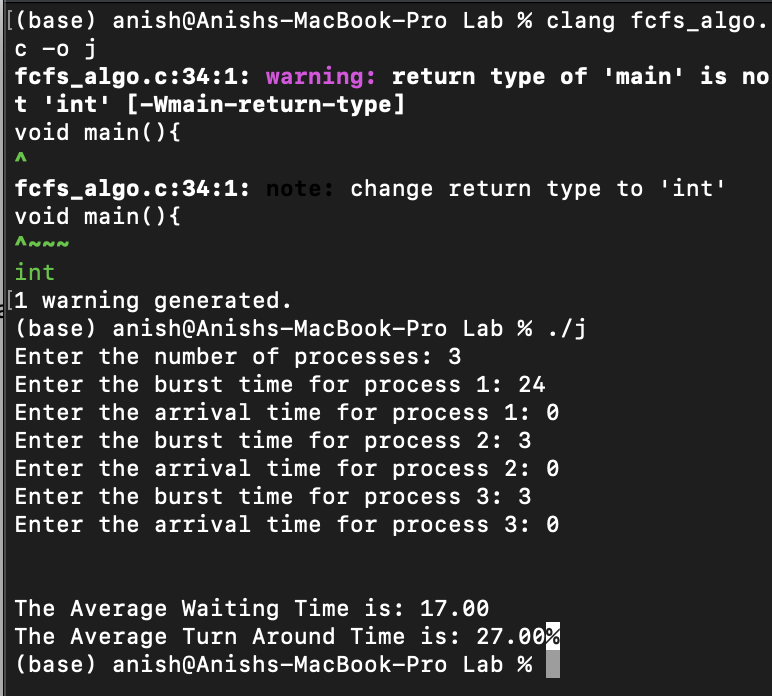
**OPERATING SYSTEM LAB 3**

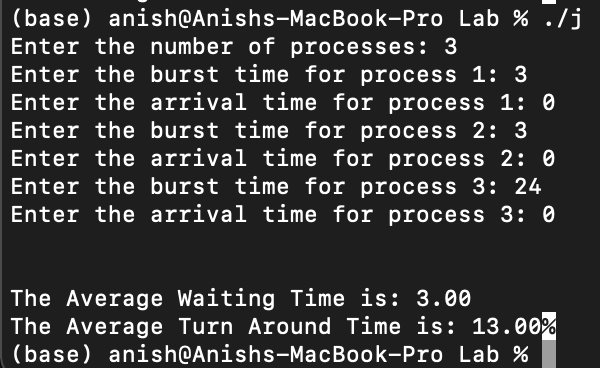
|  |  |
| --- | --- |
| Roll No.: K041 | Name: Anish Sudhan Nair |
| Batch No.: A2/K2 | Date: 03/01/2021 |

Aim: To familiarise and implement the first come first serve scheduling algorithm.

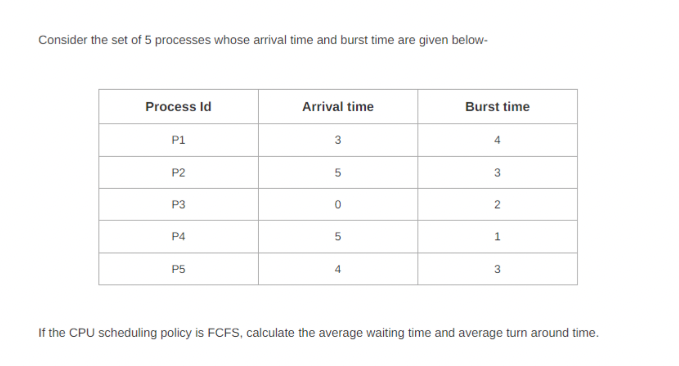
1. P1=24, P2=3, P3=3 in that order



1. Processes from part 1 in order – P2, P3, P1



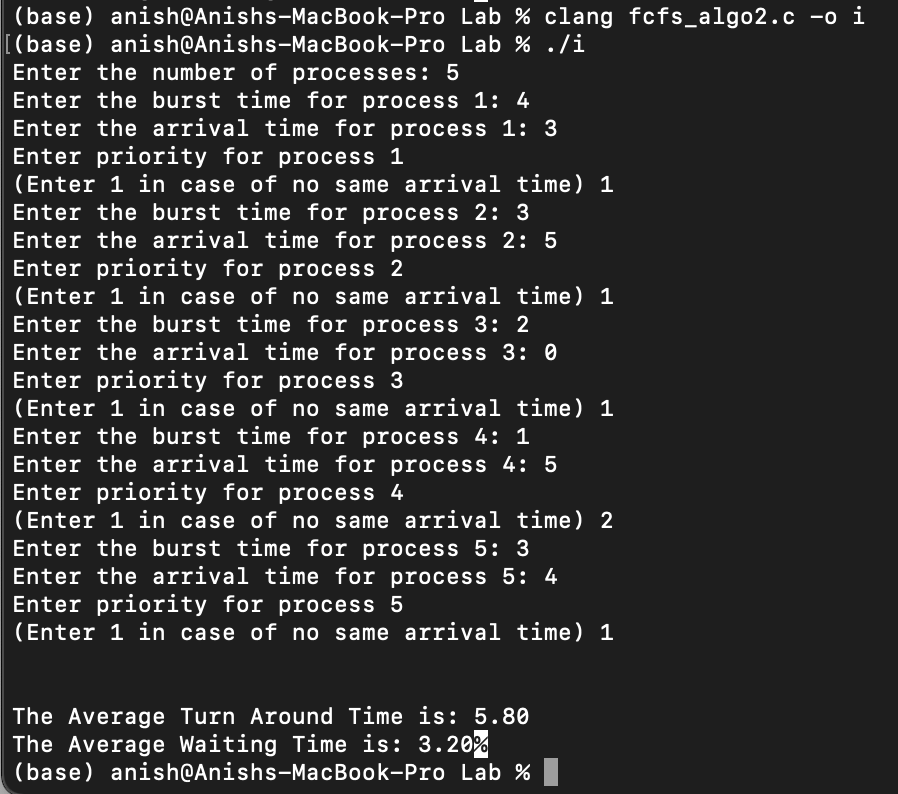
1. Refer to this question



Gantt chart

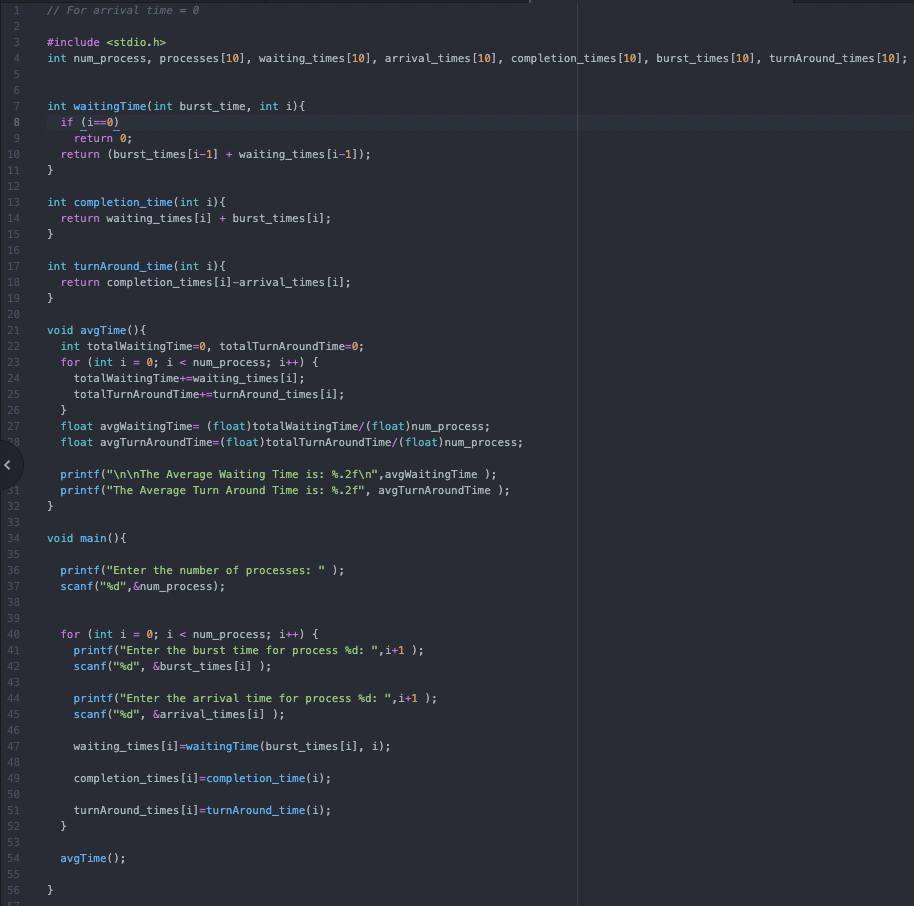
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **P3** |  | **P1** | **P5** | **P2** | **P4** |

0 2 3 7 10 13 14



CODES:

For parts 1,2:



For part 3:





CONCLUSION:

In this lab, we were to implement and demonstrate the working of the first come first serve algorithm. By actually coding the algorithm, it helped to reinforce the working of this process and the manner in which it schedules the processes in a CPU.