Lab Exercise 4: Uniprocessor Scheduling Simulator

COMP3499 Operating Systems for Engineers
Department of Electrical and Computer Engineering
Wentworth Institute of Technology

Rubric

FCFS Simulator [9 marks]; SPN Simulator [10 marks]; SRT Simulator [11 marks]. Each simulator:
- Must accept input of process data i.e. arrival time, service time, etc. (from file or command line)
- Must calculate start time, finish time, wait time, and turnaround time.
- Must print table.

Screenshots of output – [5 marks] for each screenshot. Include the following screenshots:
- Part 1 FCFS
- Part 1 SPN
- Part 1 SRT
- Part 2 FCFS
- Part 2 SPN
- Part 2 SRT

Bonus (optional)
Code to create Gantt chart [7 marks]
Gantt Chart outputs for part 1 – [3 marks]