Aaron Delahoussaye (C00449804)

Allen Sanders (C00496790)

Michael Vedol (C00459436)

Riley Young (C00445412)

Project 3 Report

Task 1: Single Core (Allen Sanders and Michael Vedol)

Runtime Table:

Five Threads: T1-18, T2-7, T3-25, T4-42, T5-21

|  |  |
| --- | --- |
| Algorithm | Completion Time (in milli-seconds) |
| FCFS |  |
| RR |  |
| NPSJF |  |
| PSJF |  |

The Fastest Algorithm:

Task 2: Multi-Core (Aaron Delahoussaye and Riley Young)

Task 3: Command Line (Riley Young)

Task 4: Report

1. What algorithm was the most difficult to implement for a single-core system and for a multi-core system?
2. In your own words, explain how you implemented each task. Did you encounter any bugs? If so, how did you fix them? If you failed to complete any tasks, list them here and briefly explain why.
3. What sort of data structures and algorithms did you use for each task?