**Project 3 Write Up  
By: Kevin Vigil**

**How did you approach the project?**

The initial choice was to create threads for each process and 1 time thread with a sync. This would require a lot more time and would not really allow for easy pre-planning implementation.

**What problems did you encounter?**

I found myself spending more time understanding the instructions and figuring out the point of each state, and how to implement certain algorithms.

**How did you fix them?**

I usually was able to restructure the program just slightly to create support for an algorithm. By slowly implementing a new algorithm and restructuring the program to accommodate, I was able to add more support and create possible modularity given more time.

**What did you learn doing this project?**

I learned all the tested scheduling algorithms in a very in-depth way. I also learned about many disadvantages of using a programming language over another.

**If you did not complete some feature of the project, why not?**

**What unsolvable problems did you encounter?**

I could not figure out how to implement SRT

**How did you try to solve the problems?**

There was no good way to fix it other than creating a very ugly solution. This is because of the use of classes in java which really struggle in type mutability, as well as the use of Object-Oriented Programming.

**Where do you think the solution might lay?**

The best solution would be to either code in python for easy flexibility for type mutability, or a complete restructure of the program to better support immediate timeouts.