

308 Lab 5 Summary

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Sect. 3

During this lab, we got to put what we have learned about scheduling algorithms into practice. This lab focused on four of the main scheduling algorithms which were First-Come-First-Serve, Shortest-Remaining-Time-Next, Round Robin, and Priority based Round Robin. The hardest algorithm for me to implement was the Round Robin scheduling algorithm. It took me several failed attempts before I was able to find an algorithm that functioned how I intended it to.

I think the most beneficial aspect of this lab was actually getting to practice scheduling in a real programming environment, versus just looking at a process chart and “imagining” how the CPU actually handles all of the processes. This made it far easier to understand why certain algorithms may work better than others in specific situations. It also helped me understand why certain OS may have different scheduling algorithms depending on the system's application.