CS149 Ahmed Ezzat

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Statistic Results Report

For the results we obtained, it would appear that the Round Robin algorithm had the shortest turnaround times. This seems to be likely due to Round Robin having given an equal amount of time to each program in an equal order. Our shortest waiting time was seen in the Non Preemptive Highest Priority First algorithm. Having treated a number of processes specially may have helped improve the overall waiting time, as their average waiting time would be very low. For the response time, our lowest average was again found in Round Robin. Lastly, our best throughput algorithm was the Non Preemptive Highest Priority first algorithm. As expected, you see an improvement in throughput for each run between FCFS and SJF. Which demonstrates that even small changes in an algorithm can yield significant results.