

Reflection

In this lab I learned about the quicksort algorithm and how to implement it into two fashions: an $O(n \log n)$ run time as well as an $O(n^2)$ runtime. In addition I also learned about how to integrate different sorting algorithms into one large algorithm. I learned how to create my very first hybrid sorting algorithm, which allowed me to produce faster results with large amounts of data. In all this lab was very interesting and opened my eyes up to how to sort large amounts of data efficiently.