

## **Assignment 4 Write Up**

The result of the testing is in the 'Assignment 4 Data.xlsx' file. The Main.java and ParSort.java files have been modified.

Conclusion:

1. In most cases, the performance is better when there are more threads running. A single thread performance is not good.
2. When the cutoff is under 40000, the decrease rate of time is large, which means a better performance when the cutoff is smaller. This is because that there are more segments that are processing in parallel.