**COSC 122 Part 2 REPORT**

Couper York: 24245144

Comparing Pivot selection methods for Quicksort, Last Pivot and Median of Three

**NUMBER OF TRIALS = 10**

**First Test Case:** 222 Words – Lucy in the Sky with Diamonds – The Beatles

With the word “the” repeating 23 times!!!

**Median\_of\_3** = Avg time take = 0.00267318002247014 Seconds

**Last\_pivot** = Avg time take = 0.002361969447280769 Seconds

Second Test Case:

Third Test Case: 104488 words - text\_sherlock.txt – Conan Doyle