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CSE 3320

Compiling and running the program.

**To compile:**

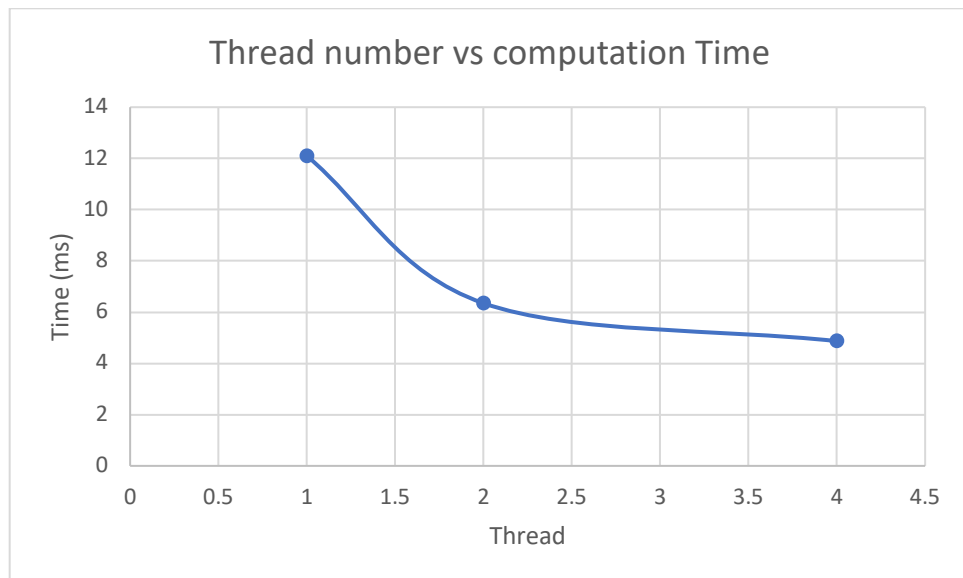
- gcc part1.c -lpthread
- gcc part2.c -lpthread

executing:

- ./a.out test.txt
- ./a.out test.txt

**Part 1.**

1. The problem is to experiment on parallel computation. The goal is to use less time for computation because the amount of work will be divided by number of threads
2. For this Program, I used the pthread library, mainly because it is what we covered in class and what I was comfortable with.
3. We divided a given string into multiple parts. We were told the string was evenly partitioned, but to make sure we didn't cut a word at the wrong place, we added the length of the substring – 1 characters from the next thread's area.
4. Hamlet.txt file



## 5. Shakespeare.txt file

