Project Title: Manual for Parallel Computing with Python

Start Date: 1/11/2021

End Date: 4/23/2021

Team Members: Tyler Bruce

Project Sponsor: Dr. Bekkering

Users: Python students/developers

Purpose (Problem or opportunity addressed by the project):
Create a manual for parallelizing any single threaded I/O bound or CPU bound Python program. The manual is intended to be used by Python students or developers looking to increase their skillset

Goals and Objectives:
1. Create a manual for parallelizing I/O bound and CPU bound python programs.
2. Strengthen my time management skills

Schedule:
1. **Week 1:** Develop project proposal
2. **Week 2:** Search for programs to be parallelized
3. **Week 3:** Finalize programs to be parallelized and begin coding
4. **Week 4:** Continue coding and begin first draft of manual
5. **Week 5:** Continue coding and finalize first draft of manual
6. **Week 6:** Look into Writing Lab for first draft review. Improve code
7. **Week 7:** Submit draft of manual to Writing Lab and improve code
8. **Week 8:** Look for any other possible programs to use in final draft of manual
9. **Week 9:** Begin work on final draft of manual
10. **Week 10:** Begin uploading manual to GitHub and begin work on final presentation
11. **Week 11:** Continue work on presentation and work on practicing presentation
12. **Week 12:** Finalize presentation and continue practicing presentation
13. **Week 13:** Tie up any loose ends in regards to manual or presentation
14. **Week 14:** Practice presentation
15. **Week 15:** Present

Constraints: Time

Assumptions: Basic knowledge of Python language.
Python 3.X is installed on computer.

Success Criteria:
- Have a clear and concise manual for parallelizing any CPU bound or I/O bound Python program.