5011CEM: LogBook

21st January: 5 hours

* Created initial Gantt chart.

11th March: From all day working on work 45 hours.

* All lab work and lectures completed.
* All notes complete

15th March: 5 hours

* Testing parallel and sequential processing techniques

19th March: 4 hours

* Created Code Flow Charts for sequential, parallel processing and testing.

29th March: 5 hours

* Created LoadAllData, LoadHours, LoadAllHours, ReportResults functions
* Script “MemoryRequired” to calculate how much memory is required to complete the task
* Sequential processing script
* Parallel processing script

5th April: 10 hours

* Starting automation
* Automated parallel PoolSize (the number of workers)
* Automated graphs
* Begun viva presentation creating project goals and checking code functioning correctly.

7Th April: 5 hours

* Automatics plots for 250 and 5000 data processed.
* Sequential processing script function added to main.
* Solving errors with specific function

9th April: 5 hours

* Fixing error with reshape function.
* Completed automatic plots for multiple Data sizes
* Almost finished automation on processing data

12th April: 5 hours

* Cleaning code
* Fixed bug with indexing out of array size

15th April: 6 hours

* Creating new test
* Separating files into separate function files

16th April: 7 hours

* New graphs created to compare sequential and parallel processing.
* Organizing files

26th April: 11 hours

* Cleaning code and testing functionality is correct
* Begun Report write up starting with introduction and running code to get outputs

27th April: 7 hours

* Creating return arrays for parallel and sequentially functions so graphs can be created in main file

29th April: 6 hours

* Adding comments to code
* Checking for unnecessary code