Group: Joey Faas, Ryan Holwerda, Bradley Benson

Part 1

Intel Core i5: 8500

Number of physical core: 6

Number of Logical Cores: 6

Clock speed: 3.00 GH

Price of Chip: 235.994$

Equivalent: AMD Ryzen 5 1600

Number of physical core: 6

Number of Logical Cores: 6

Clock speed: 3.2 GH

Price of Chip: 229.00 $

Part 2

* 1. It splits the in put string into another string based on the comma and adds into array sTemp
  2. Iterates through sTemp array
     1. Each value of sTemp[i] is parsed to a 64 bit int then assigned to the variable average
  3. Return the average of all the number in the file

1. 1. Single thread reads the file
   2. Process with parallel
2. See Spreadsheet
3. See Spreadsheet
4. See Spreadsheet
5. 1. Did in lab
   2. Increased drastically after 50 runs, almost 4 times faster
   3. File reading
   4. Yes for the most part it was faster, but there were some hiccups. We believe that it could of came form the computer running other programs and processing other files.