Homework 2
OpenMP

1. Open up some notes.
2. Track through the serial.cpp given to you on Moodle and make notes on what is done in this file. How is the forces found?
3. Track through the serial.cpp given to you on Canvas and make notes on what is done in this file. How is the forces found? What is the difference between the first and the second file?
4. Track through the openmp.cpp given to you on Moodle and make notes on what is done in this file.
5. What changes would need to be made to this file to translate the openmp.cpp to use the same method to calculate forces as in the serial.cpp given in Canvas? Come up with a rough plan and document it in your notes. Hint: you may need locks. You can research and use omp_init_lock.
6. Make need changes to openmp.cpp so that is compute forces as the serial.cpp given in Canvas but with OpenMP.