CMP SCI 2261 – Bonus Project

Matrix Multiplication

Implement Matrix Multiplication for two randomly generated 1000 x 1000 integer matrices in four different methods:

1) Implement using a single thread of execution.
2) Implement using 10 threads of execution.
3) Implement using 100 threads of execution.
4) Implement using 1000 threads of execution.

For each implementation, your program will keep track of the time. As output, state when each implementation is starting and ending as well as the total time taken for that implementation.

When ready to submit, go to your Eclipse workspace and zip up your project. Then submit your zipped up project folder to Canvas.