CSE 462 Offline 1

1. Objective: Compare running time of different algorithms for matrix multiplication   
2. Assume you are given two nxn matrix where n is any integer or power of 2 with random integer elements   
3. Implement naive(n^3) matrix multiplication algorithm  
4. Implement Strassen’s matrix multiplication algorithm  
5. Implement parallel matrix multiplication algorithm by multithreading  
6. Describe the implementation environment   
7. Describe the data set   
8. Plot running time against n  
9. Discuss the findings