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Project 2 Final Report **DRAFT #2**

Matrix Multiplication Speed Test

Overview

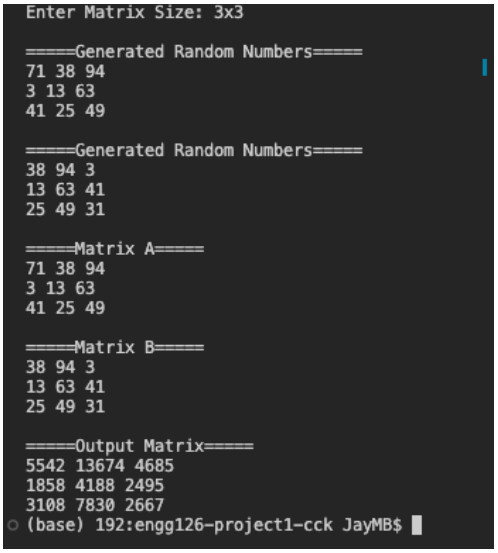
A speedtest review program will be created that would compare the computing speed between different matrix multiplication implementations in a C++ program depending on their use of threads.

Code Collaboration Overview

The code is collaborated between three members which contribute to the common GitHub repository. This setup allows the members to update the code simultaneously and allows easy updates for code revisions between each member. This helps ensure a steady implementation process and allows an easy way to fix the common code run by each member of their individual computers.

Implementation of Functions and Operations

Output Review



The program requests for a matrix size that would be used for the multiplication process. Two matrices are generated with randomly generated elements corresponding to the determined size. The input matrix dimensions reflect the dimensions for matrix A [MxN] and matrix B reflects the reversed dimension [NxM]. In the case where both the 'N' and 'M' input are the same number, it is recognized by the program as a square matrix.

The output matrix contains the values of the output of the multiplication operation between matrix A and matrix B

Documentation Link

The GitHub repository for the project is made publicly available through the following:

GitHub Link	https://github.com/jaykempis/engg126-projects-cck/tree/main/Project2

References