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ENGG 126 Project 2 Second Progress Report

Matrix Multiplication Speed Test

Initial Matrix Multiplication Implementation

A Simple C++ code was created that requests for a matrix size in a “MxN” format input where ‘N’ and ‘M’ are valid integers and ‘x’ acts as a determining character for the text format of the size. When the matrix size is defined, two matrices are generated with random integer values in them between 0 to 100. The size of the matrix is determined by the size input having Matrix A to have the dimensions [MxN] while matrix B has the dimensions [NxM]. the matrix operation [MxN] * [NxM] is performed when both matrices have been successfully generated.

Conclusion

The project currently has its initial code implementation with a working Matrix generator and is capable of conducting the matrix multiplication operation. Additional code implementation for the speed comparison between multiplication processes will be the next goal of the project.

Task	Description	Status
Project Research	Search suitable components for the survey project	DONE
Project Outline	Create a draft document as a guide for the project paper	ONGOING
Initial Implementation	A C++ code implementation was created which acts as the foundation of the project	PARTIAL
Revision I & II	Following each progress report, provide the necessary corrections and apply feedback & revisions	TBD
Finalize Paper	Finish the paper and draw insights and conclusions on the Project	TBD