Software Construction

Lab 2

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Introduction:

This simple java program is comprised of three java classes i.e. Strassen, Matrix and Multiply. The Strassen class consists of simple add, subtract functionality to add, subtract the matrix components as required. Matrix consists of the matrix class, with functionality to set the Matrix and get its values. The Multiply function consists of the Multiplication functions, which must be called in the correct order for Strassen multiplication to be computed.

Approach:
As specified in Wikipedia.

How to Run:
Either run Lab2.java or Lab2Test.java

Analysis:
Strassen is better approach than iterative.

GitHub Repo Link:
https://github.com/usmannoorkamboh/SC-Labs/tree/master/Lab%201