

# Concurrent Programming - Spring 2022 - Homework 3

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If you have any question, you can raise it in the WhatsApp group or send a message to the telegram ID : @mmovahed02.

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## Problem

In this assignment, you should implement a parallel program for Strassen algorithm.

## Description

In this part you write a parallel algorithm for Strassen matrix multiplication which should be implemented on the shared memory platform using Open-MP library.

This algorithm use divide and conquer approach for the matrix multiplication. Reporting the running time of the algorithm is mandatory for serial and parallel implementations.

It is necessary to report the specifications of the execution platform in the document. Also you should use comments to explain the codes

## Utilities

- Library: OpenMP
- Languages: C, C++, Fortran