

CSCE 326 Assignment 1

Due: February 14, 2019 by class time on BeachBoard

This assignment serves as a review of C/C++ programming.

In this assignment, you will develop a C++ program that solves a 3 by 3 matrix multiplication using given number of threads.

Here is program requirements:

- 1- The value of matrices are read from a text file.
 - a. You can assume the executable is in the same directory as input files
 - b. An example of input file will be uploaded in BeachBoard next week
 - c. An example of output file will be uploaded in BeachBoard next week
- 2- The program creates one thread for each element of resulting matrix, so you are going to have 9 threads.
- 3- The main thread should wait until all threads are done then it prints the result
- 4- Sample input and output will be uploaded in Beachboard nextweek.

The submission format and rules (for more detail see the coding guideline):

- 1- For this assignment send only one C++ file.
- 2- On top of your code you need to have proper description header.
- 3- In the code if needed add inline description as comments.
- 4- All function requires comments before the header of the function describing the functionality of the function.