**CSCE 327 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.
   1. You can assume the executable is in the same directory as input files
   2. An example of input file will be uploaded in BeachBoard next week
   3. 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.