**Assignment #1**

Write a program for any one sorting algorithm in Serial (Sequential Execution), Pthreads (Parallel Programming), and OpenMP (Parllel Programming with Shared Memory) using C language. Compare the execution time of all three programs on 10000, 20000, 50000,100000, and 200000 elements.

Illustrate your comparison through graph and write your own conclusion.

Algorithms: Quick Sort, Merge Sort, Selection Sort, Insertion Sort.

***Note****: Every student is supposed to submit individual zip file which consists of code, Graph, and conclusion document on Google classroom.*

Due Date: 18th Sept, 20