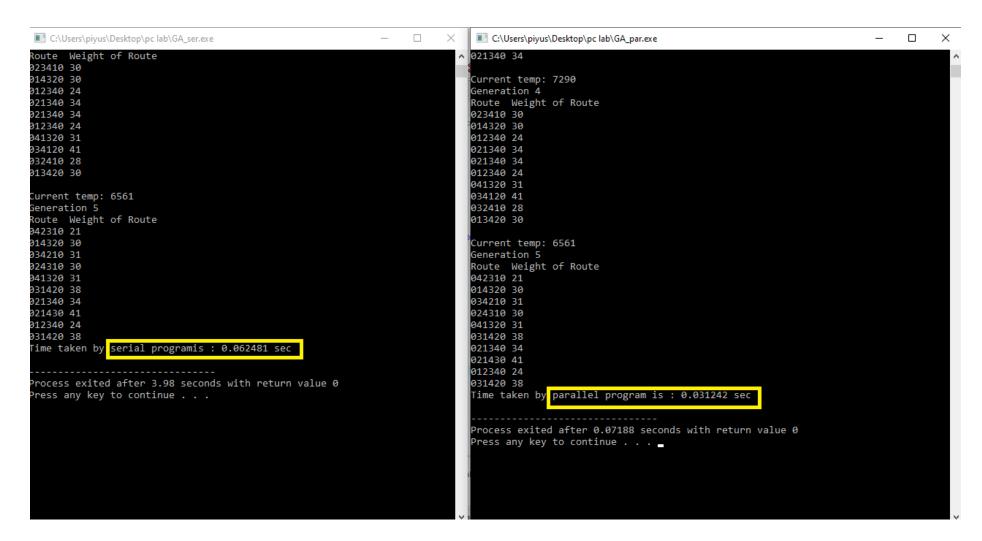
Lab 4: Using genetic algo for TSP, and comparing execution times for parallel and serial implementation.

GA_ser.cpp is the serial implementation and GA_ser.cpp is its parallel implementation where I have parallelized, using OPENMP, the for loop, responsible for creating mutated version of each route in population, inside the while loop, restricting the threshold number of generations, inside the TSP function meant to solve the TSP.

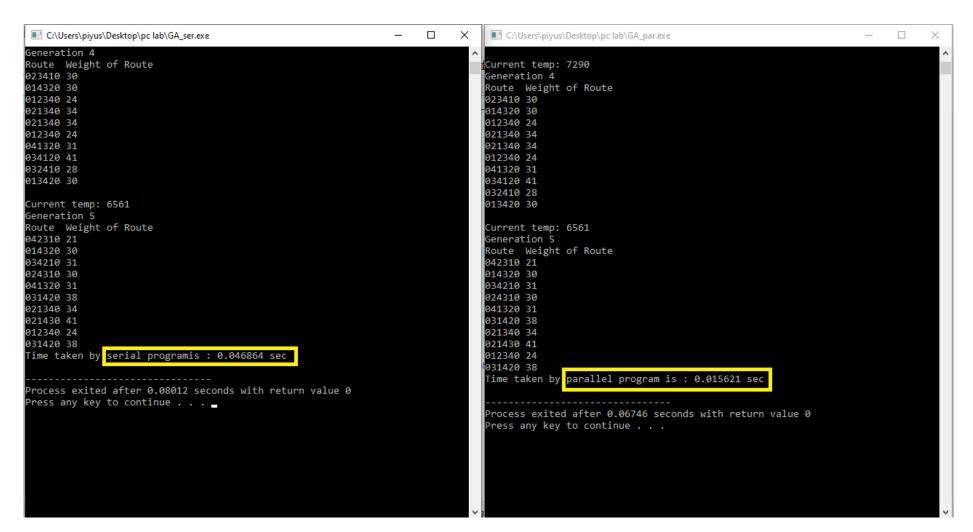
Sample Outputs and Comparisons of execution time:



Time Taken by Serial program = 0.062481

Time Taken by Parallel Program = 0.031242

Speedup obtained = 0.062481/0.031242 = 1.9999



Time Taken by Serial program = 0.046864

Time Taken by Parallel Program = 0.015621

Speedup obtained = 0.046864/0.015621 = 2.9985