Compiling:

Serial: g++ -O3 -w Assign2\_Serial.cpp -lpthread -o assign2Graph\_s

Parallel: g++ -O3 -w Assign2\_Parallel.cpp -lpthread -o assign2Graph\_p -std=c++11

Running:

Serial: ./Assign2\_Serial.cpp filename (./Assign2\_Serial.cpp HcNetwork.txt)

Parallel: ./Assign2\_Parallel.cpp filename t (./Assign2\_Serial.cpp HcNetwork.txt 4)

Output times on graphV20000.txt:

Serial: 100.02 seconds

2 Threads: 61.87 seconds

4 Threads: 46.59 seconds

8 Threads: 32.09 seconds

16 Threads: 31.01 seconds