**HOW TO COMPILE :**

Traverse in the src1 directory and type in a command line prompt/terminal :

**make clean**

Then type :

**make compile**

(It compiles both client and server code)

**make run\_server**

In 3 different command line prompts/terminals and traverse to src1 directory and type:

**make run\_client**

The 3 clients(node processes) will sent connection request to server(time daemon process) . After the connections have been established, server(time daemon) sends its own clock value to clients. The clients will calculate differences at their ends and respond to server with their differences. Server will calculate average and offsets and then will send individual offset clock values relative to the calculated average to each of the clients. The clients and server will synchronize their own time and will display updated logical clock values which will all be the same.

Please Note : The port numbers for each of the processes are same. The number of clients have been taken as 3 here.