**INSTRUCTIONS:**

The Database software we have used is MYSQL (please download it from google to test our code)

How to compile and run the code :

1. Extract the 173050043\_173050085.tar.gz file

2. The extracted folder contain the Report pdf , ReadMe file, the Code folder which contains the three C program and and sql\_db folder which you have to import in your system for login request load test.

3. In Code folder first run the tcp\_server.c file

a) Command to compile and run the tcp\_server 1.c file:

$ gcc -o server $(mysql\_config --cflags) tcp\_server.c $(mysql\_config --libs) -lpthread

$ ./server

b)In Load\_Generator\_reg.c change IP address

Then compile and run the Load\_Generator\_reg.c file

Command:

$ gcc -o register $(mysql\_config --cflags) Load\_Generator\_reg.c $(mysql\_config --libs) -lpthread

(running Load generator for registration)

$ ./register

c)In Load\_Generator\_Login.c change IP address

Then compile and run the Load\_Generator\_login.c file

Command:

$ gcc -o login $(mysql\_config --cflags) Load\_Generator\_login.c $(mysql\_config --libs) -lpthread

(running Load generator for Login)

$ ./login

\*\*\*Commands to Import/ export database

\*Export

mysqldump -u root -p synergy > synergy.sql

\*Import

In mysql prompt

Create database synergy;

In terminal

mysql -u root -p synergy < synergy.sql

Database

user name:- root

password :- synergy

host :- localhost