**INSTRUCTIONS:**

The Database software we have used is Redis (please download it from google to test our code) make sure you install driver required for connection between ‘C’ and hiredis.

sudo apt-get install redis-server

sudo apt install libhiredis0.13

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 and the Code folder which contains the two C program.

3. Run redis-cli on terminal and enter following command “set currPort 9001” .

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

Command:-

gcc -o server server2.c -lpthread -lhiredis

./server

5. We then need to set the inet address in Load generator

Example:-

server\_address.sin\_addr.s\_addr =INADDR\_ANY;

OR

server\_address.sin\_addr.s\_addr =inet\_addr("10.15.26.165");

We may also need to set number of threads.

6. We might need to increase the value in max\_map\_count

sudo apt-get install gksu

gksudo gedit /proc/sys/vm/max\_map\_count

7. Then compile and run the Load\_Generator\_Login.c file

Command:-

gcc -o loadreg Load\_Generator\_reg.c -lpthread

./loadgen