

# Lab-8 Report

## Group Members:

130050007 : Vaibhav Bhosale  
130050046 : Dibyendu Mondal

## Question 1:

N=1

Throughput: 5.790323 req/s

Average Response Time: 3.406685 sec

N = 2

Throughput: 5.814516 req/s

Average Response Time: 3.393897 sec

N = 3

Throughput: 5.830645 req/s

Average Response Time: 3.384509 sec

N = 4

Throughput: 5.790323 req/s

Average Response Time: 3.406685 sec

N = 5

Throughput: 5.798387 req/s

Average Response Time: 3.401947 sec

N = 6

Throughput: 5.813008 req/s

Average Response Time: 3.415385 sec

N = 7

Throughput: 5.821138 req/s

Average Response Time: 3.409218 sec

N = 8

Throughput: 5.804878 req/s

Average Response Time: 3.420168 sec

N = 9

Throughput: 5.845528 req/s

Average Response Time: 3.396384 sec

N = 10

Throughput: 5.813008 req/s

Average Response Time: 3.415385 sec

N=3 seems to be the value for which we get maximum throughput.

## Question 2:

For every value of N that we tried, the server is showing Error: Connection reset by peer.

And then client shows Error connecting. I.e. Server is not able to serve the clients and is not able to write to the socket, which is why client can't read from socket and just exits.