

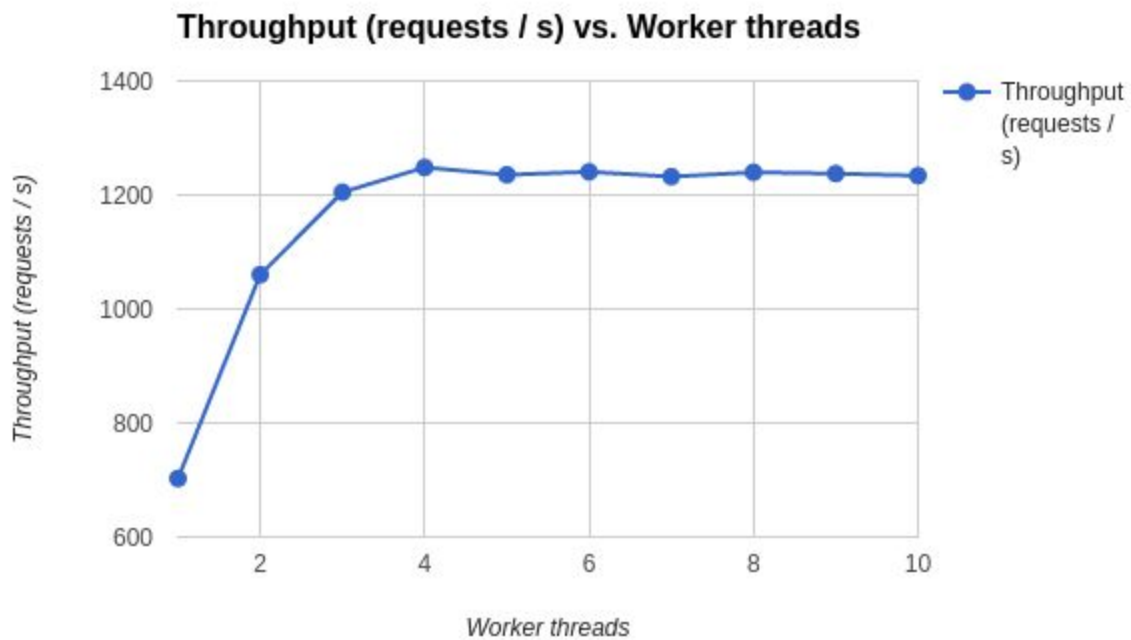
## Lab 4 - report

140050007 Neeladrishekhar Kanjilal

140050002 Deep Modh

Exercise 1 :

Value of N is 4.



Exercise 2 :

No, not all client requests are successfully served.

Error seen : connection timeout

Since queue size is only one, each request has to wait for significant amount of time. After some time the socket stops reading and writing because it waited long enough to be in queue and then being processed; resulting in error and loss of socket connection.

**Note :**

We tried to do the experiment with the same setup as lab 2 ( server on laptop and client on SL - lab machine ) but we were getting errors related to can not read and write in socket. Even during exercise 1. So we changed the set up and ran client and server on two different terminals on laptop with below specification. Also there is high load on operating system of server. ( Throughput is approximately 4 GB per second. ) thus sometimes we received error during execution and laptop being extremely hot.

**Specification of experiment :**

The experiment is done with server on a terminal in a laptop and the client in another terminal in the same laptop.

Laptop specifications: 7.7 GB RAM, i5-4210U CPU, Linux - 64bit.