OS LAB
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Q1)

Setup Description:

The server and client is run on two different machines in SL2. The files are assumed to be stored in the /tmp directory. Both the machines have a Intel Core i5-3330 CPU @ 3.00GHz × 4 processor. Both the machines are 64-bit OS type. They have a memory of 7.7 GiB and a Disk memory of 58.9 GiB.

N	Throughput	Average Response Time
1	47.248564	0.021454
2	57.721773	0.019346
3	58.375951	0.017204
4	58.316810	0.016956
5	58.363007	0.016270
6	58.369227	0.017965
7	58.378317	0.018501
8	58.360108	0.019211
9	58.376586	0.017984
10	58.364337	0.018857

Q2)

I kept the values of N from 1 to 10 and in all the cases there was an error in connection leading to closing of connection.

This is because the queue size is 1 and it leads to most user thread connections being refused. It results in an overflow of number of user threads leading to their dropping and exiting of program