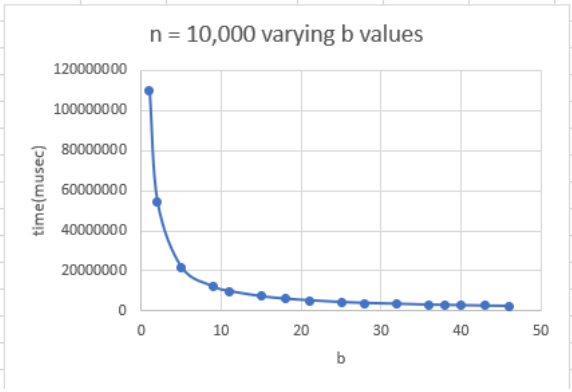
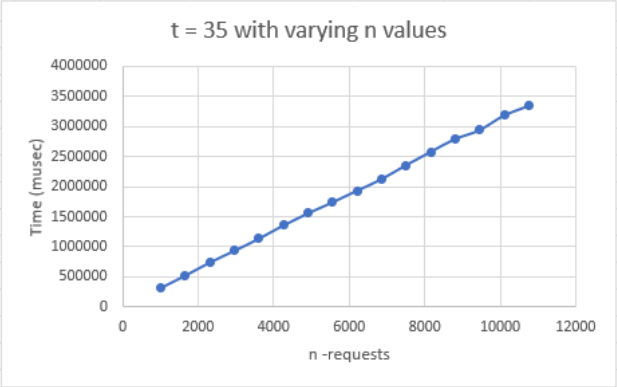
Sakshi Choudhary

CSCE313 -PA7 Report

w	b	t(musec)	s	musec
46	46	2370773	2	370773
43	43	2542943	2	542943
40	40	2761746	2	761746
38	38	2876566	2	876566
36	36	3022897	3	22897
32	32	3456439	3	456439
28	28	3871576	3	871576
25	25	4342408	4	342408
21	21	5198823	5	198823
18	18	6013466	6	13466
15	15	7237861	7	237861
11	11	9847368	9	847368
9	9	12105172	12	105172
5	5	21755717	21	755717
2	2	54341672	54	341672
1	1	110238292	110	238292



b	w	n	t(musec)	s	musec
35	35	1000	316310	0	316310
35	35	1650	521243	0	521243
35	35	2300	739745	0	739745
35	35	2950	934842	0	934842
35	35	3600	1135572	1	135572
35	35	4250	1356817	1	356817
35	35	4900	1558424	1	558424
35	35	5550	1740943	1	740943
35	35	6200	1934762	1	934762
35	35	6850	2126020	2	126020
35	35	7500	2359541	2	359541
35	35	8150	2579467	2	579467
35	35	8800	2795130	2	795130
35	35	9450	2942724	2	942724
35	35	10100	3185788	3	185788
35	35	10750	3346362	3	346362



In this programming assignment, we are to improve the request channels' communication across the network. We will do this with having a client-side machine and a server-side machine. The request channel uses a single TCP connection. We created a NetworkRequestChannel class to use instead of our RequestChannel class. We prepared the sockets in the server-side constructor by using socket(), bind(), listen(), and then accept() to accept the slave socket created. Then in the client we establish a connection and wait for the server to read and write and read and write also.