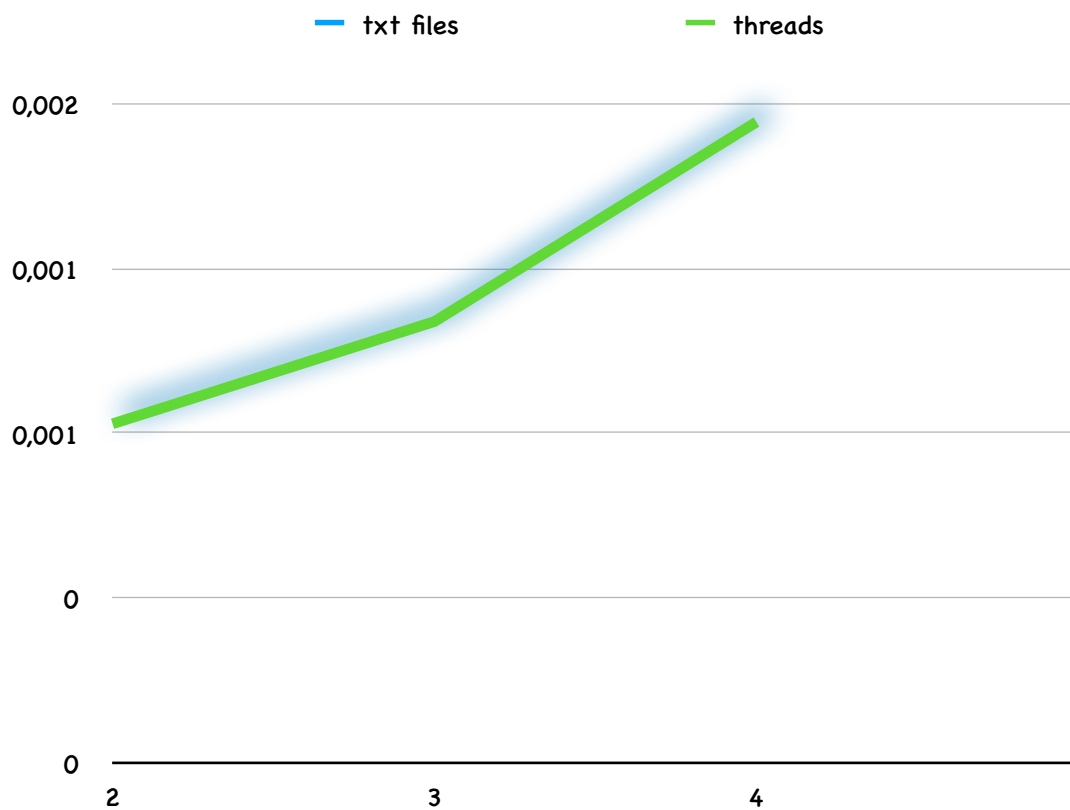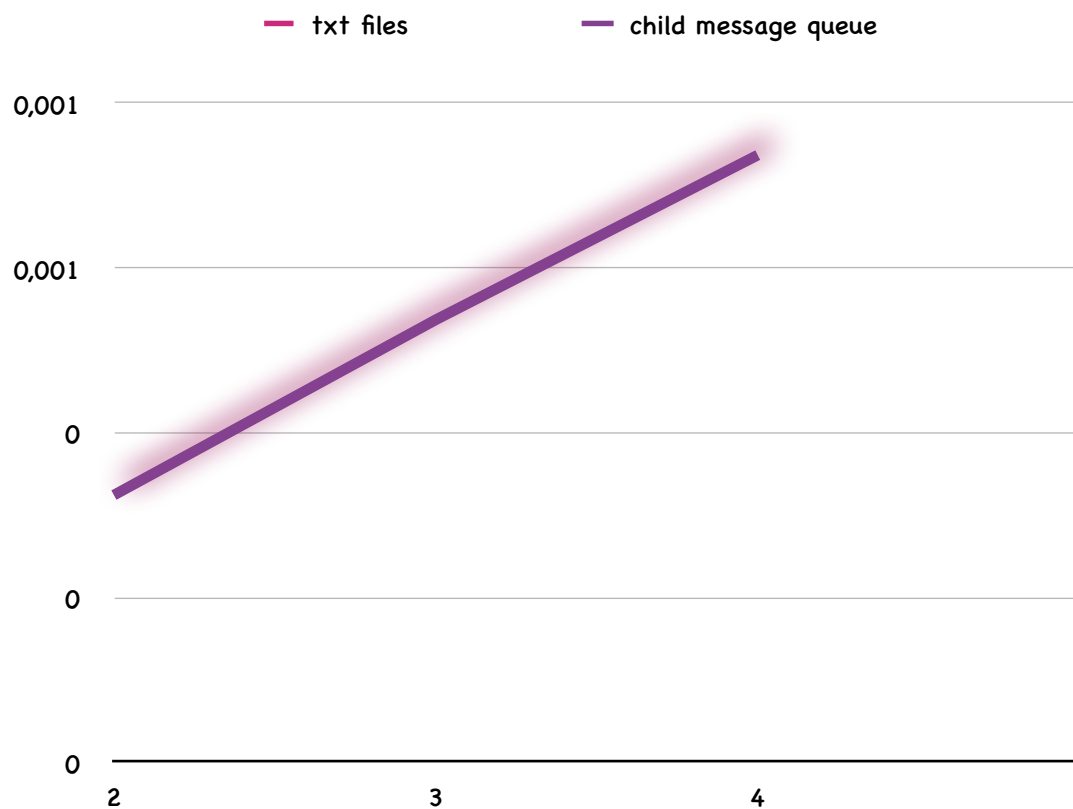# CS 342 - OPERATING SYSTEMS

PROJECT 1 REPORT

Group Members:
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- Tarık Buğra Karali

INTEGERS USED FOR THE EXPERIMENTS:

1502
1503
1504
1501
1602
1603
1604
1801
1802
1803
1901
1901
1902
2300

txt files	2	3	4
child message queue	0.000324 ms	0.000537 ms	0.000737 ms
threads	0.000873 ms	0.001137 ms	0.001652 ms

txt files — child message queue

0,001

0,001

0

0

0

2   3   4

txt files — threads

0,002

0,001

0,001

0

0

2   3   4

Conclusion:

In conclusion, we have obtained from the graphs that threads are slower than child message queueing due to the following fact: Since global variable number in threads are more than that of the child message queueing, when threads are created these global variables are carried throughout the program. This can cause the aforementioned reason of the slowness of threads.