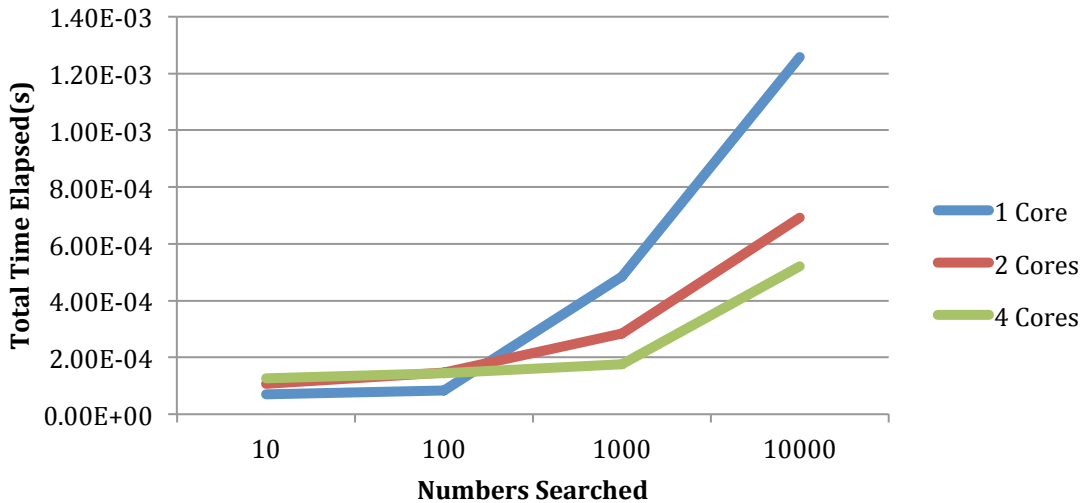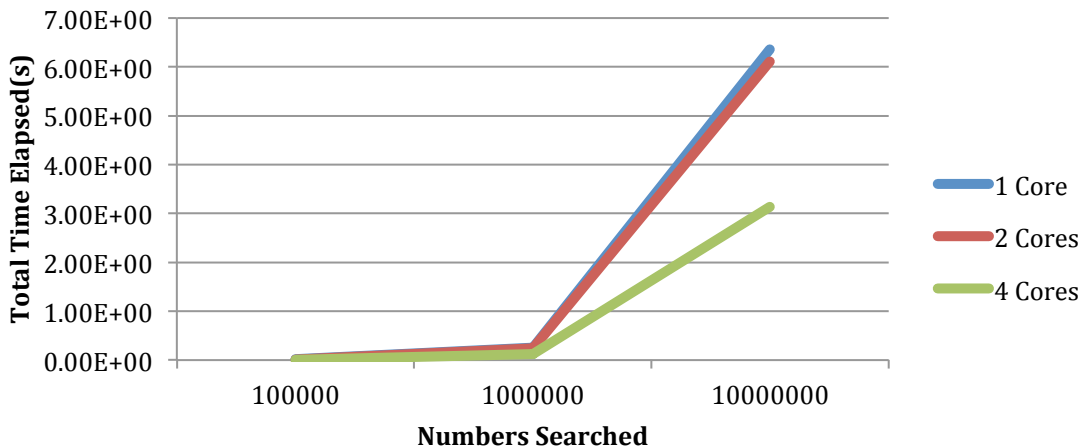These two graphs show the numbers of primes searched by 1,2 and 4 cores on 30 second intervals, its broken up into two graphs to showcase the fact that core 1 is faster at the beginning and as the number to test for primality is increasing it slows down in comparison to the higher ranks.

Total Elapsed Time for 1,2, and 4 Cores for 30s intervals

Total Elapsed Time for 1, 2 and 4 Cores for 30s intervals

This is the speed up graph, which is in relation to rank 1

Speed Up Graph for 1,2 and 4 Cores in relation to 1 Core

Speed Up (ratio)

3.00
2.50
2.00
1.50
1.00
0.50
0.00

10   100   1000   10000   100000   1000000   10000000

Numbers Searched

1 Core
2 Cores
4 Cores