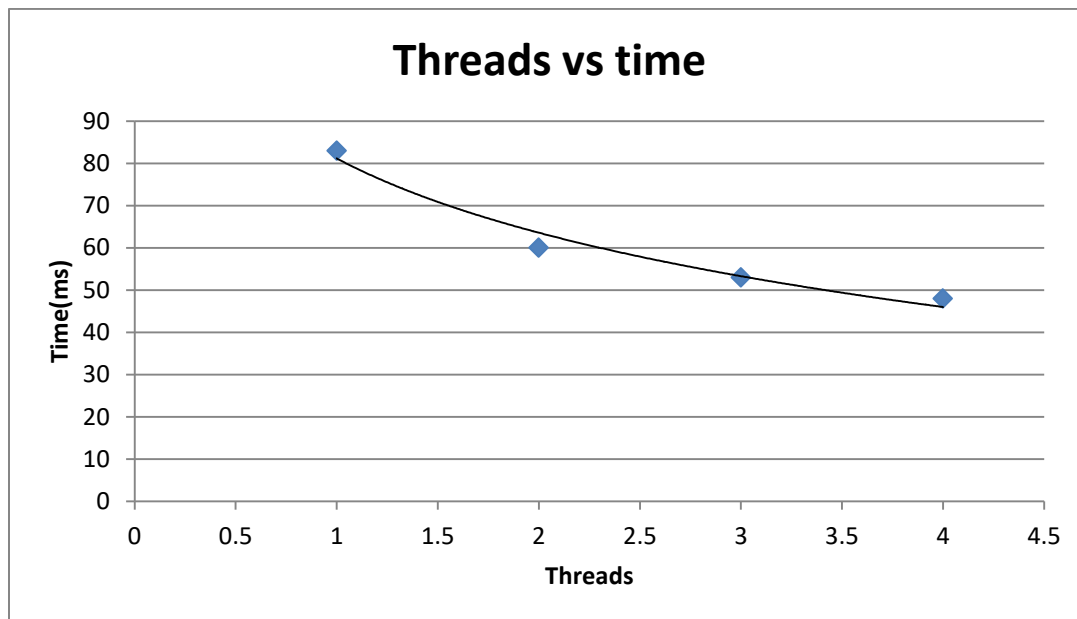


The value of n that was used is 10 000 000. There was speedup observed for every thread added, with diminishing returns. It would be natural to expect the number of threads to decrease the execution time since most of the program is executed concurrently, until we have more cores than threads. My machine has 4 cores so there was speedup from 2-4 threads.



| threads | time(ms) |
|---------|----------|
| 1 | 83 |
| 2 | 60 |
| 3 | 53 |
| 4 | 48 |