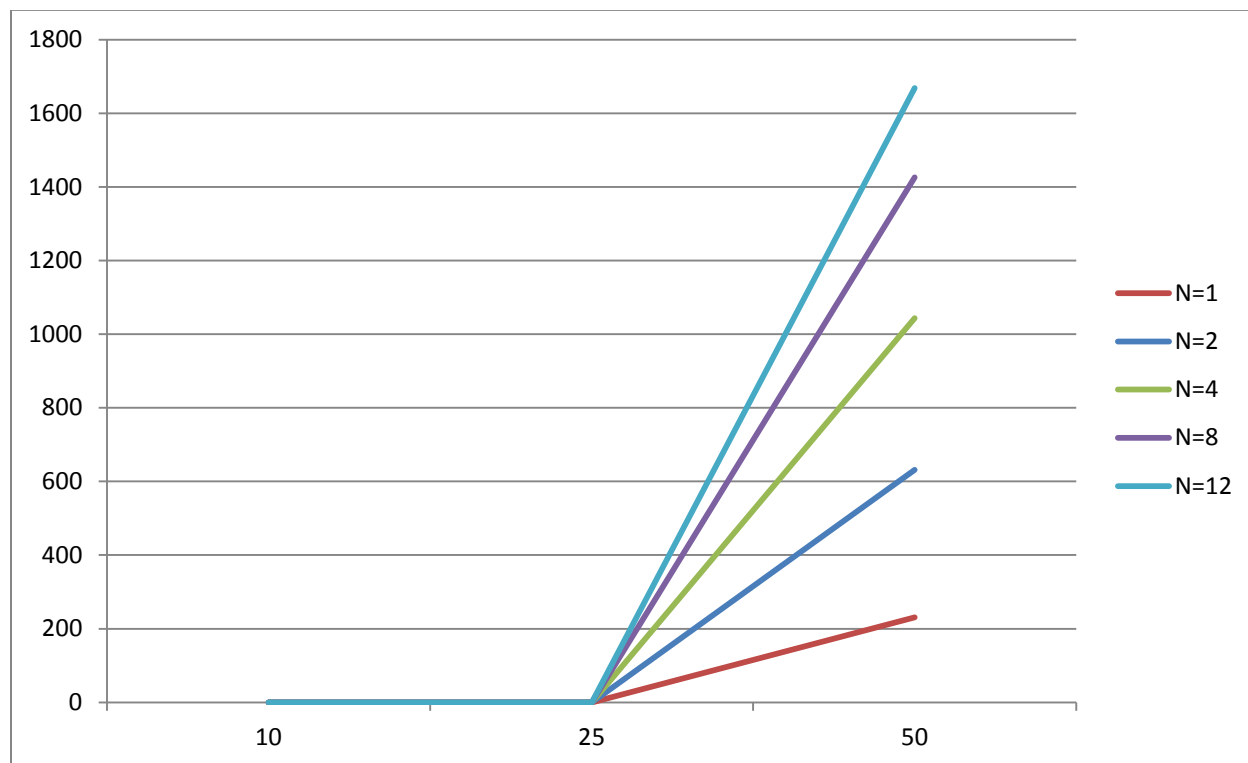
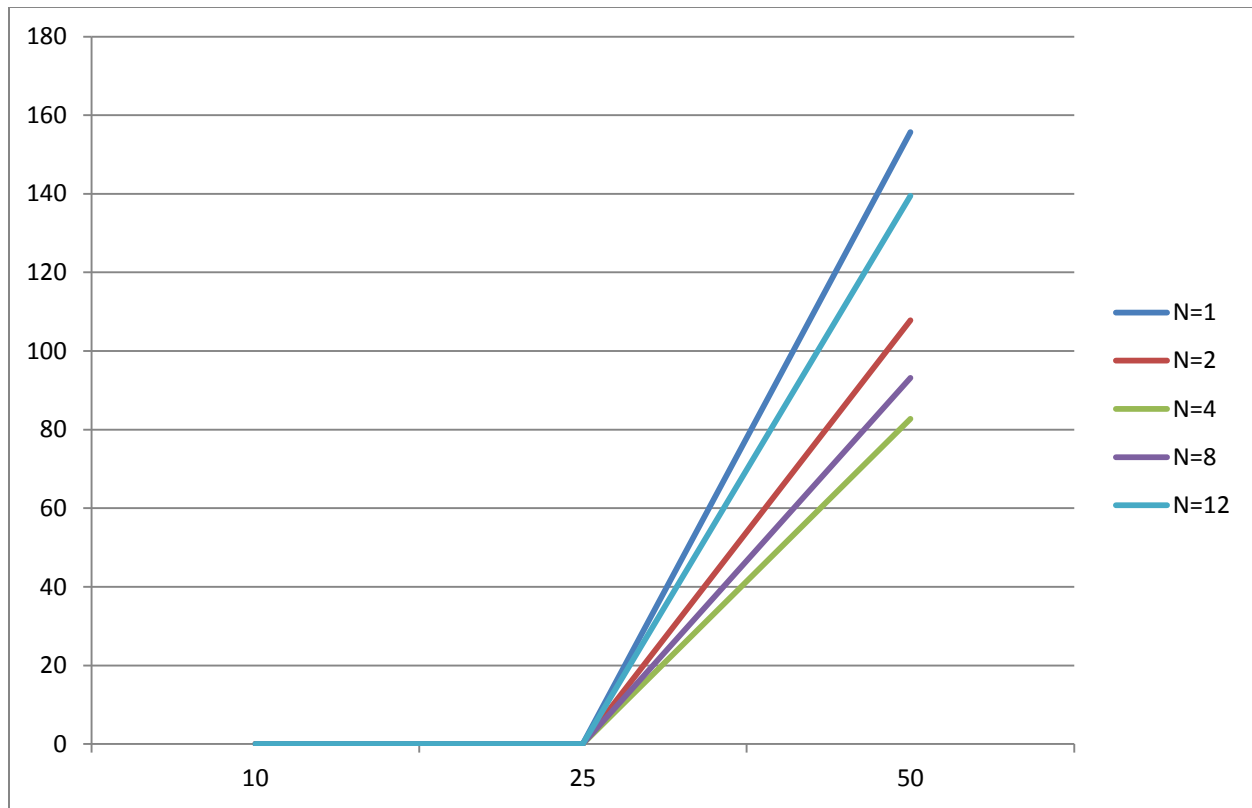


(Basecase = 1)



(Basecase = 10)



(Basecase = 15)

Observations:

- For basecase 1, the algorithm was not able to terminate in less than 6 hours for 50.
- For basecase 10, the algorithm barely finished for 50.
- For basecase 15, the algorithm finished reasonably (kind of).
- We are spawning exponential number of threads, and we have only a max number of 12 processors, the overhead just gets too much (apparently) which is way the faster we switch to sequential code the faster we get the result.
- The algorithm is very very exponential .