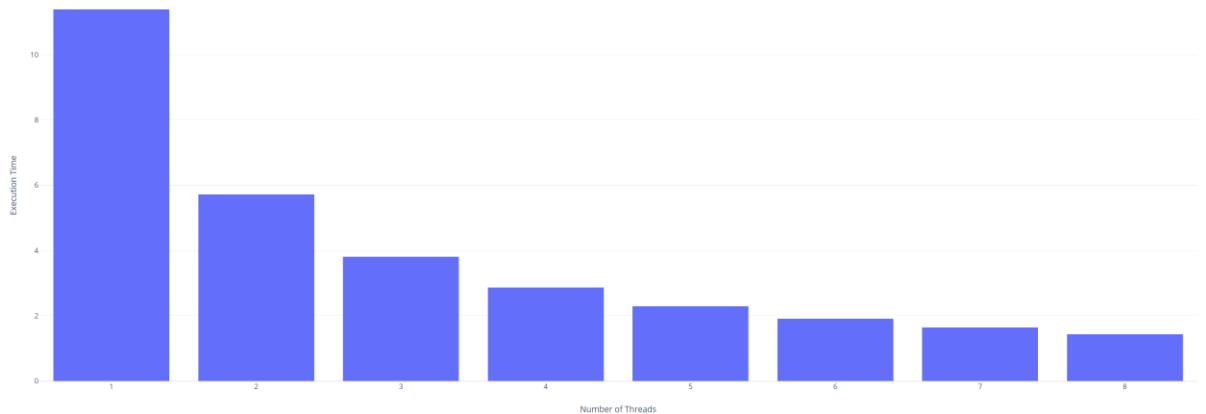


Exercise 3

- Implement a serial version of Monte Carlo Pi approximation.
 - The program needs two arguments: n (number of approximations steps) and num_threads
 - So for the serial version you can use only one thread
- Benchmark the sequential version and the parallel version for 1 to 8 threads on LCC2 using n = 700,000,000. Document your results and visualize them in appropriate figures.
 - Using the compiler flag -O2 (fastest in our case):



- How could you improve program performance?
 - Performance could be improved by using different compiler flags or letting other threads that already finished helping the other threads (= not distribute n equally)