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Programming Assignment 1
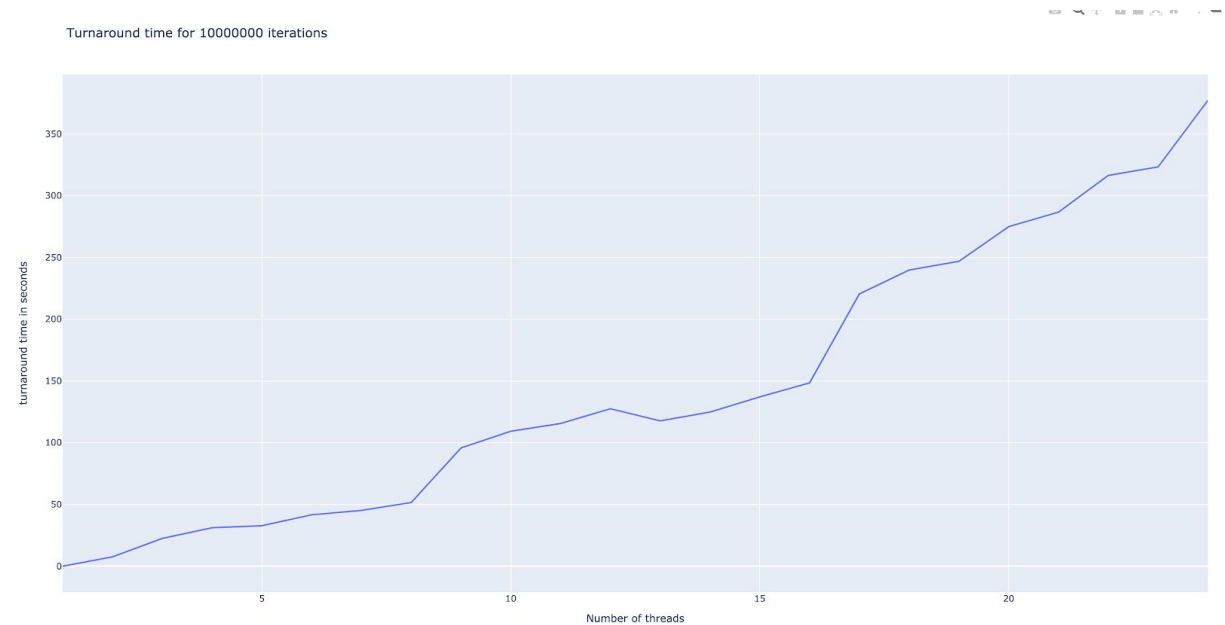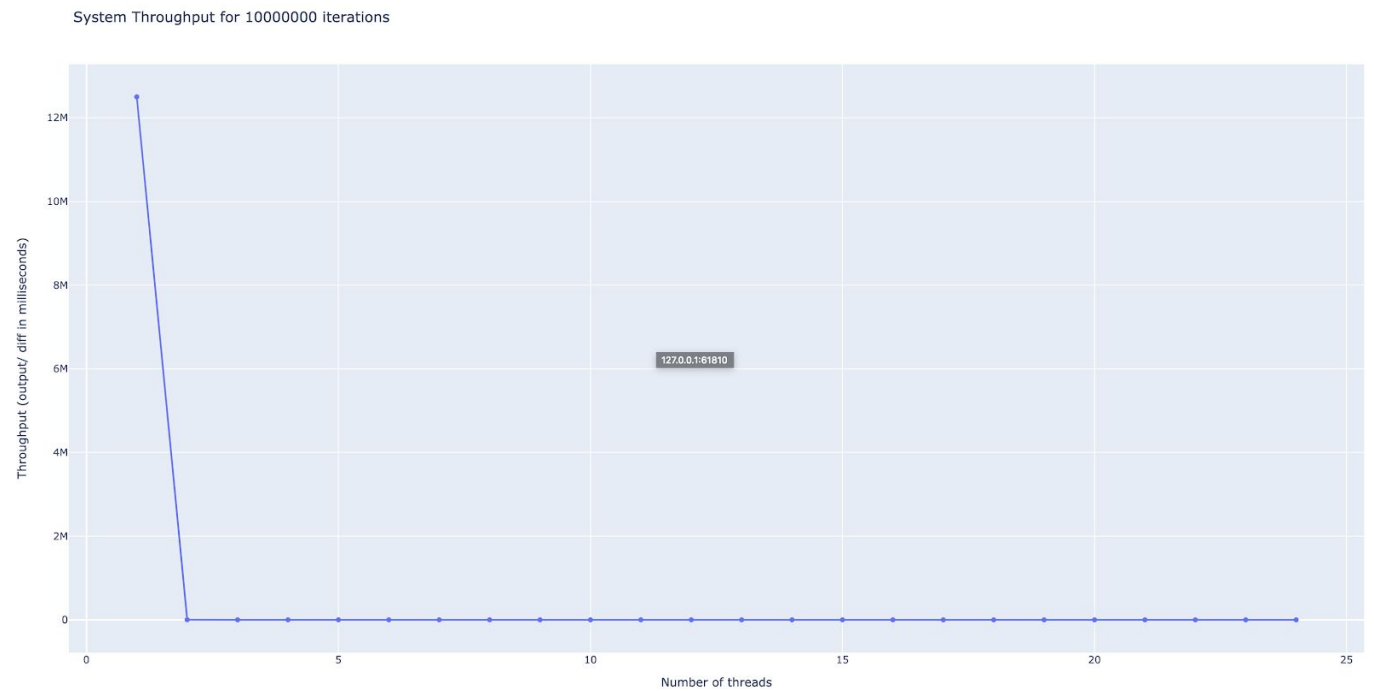Report

System Throughput for 10000000 iterations

Turnaround time for 10000000 iterations

Average time: 145.578625 seconds (approx 2.5minute for threads 1 up to 24 for 100,000,00 iterations.

As the results show, increasing the number of threads from one to two decreases the throughput abruptly. From then the throughput remains more or less consistent. It averages around 1000 operations/ millisecond.

Turnaround time as a function of threads (from 1 to 24) increases almost in a linear function.