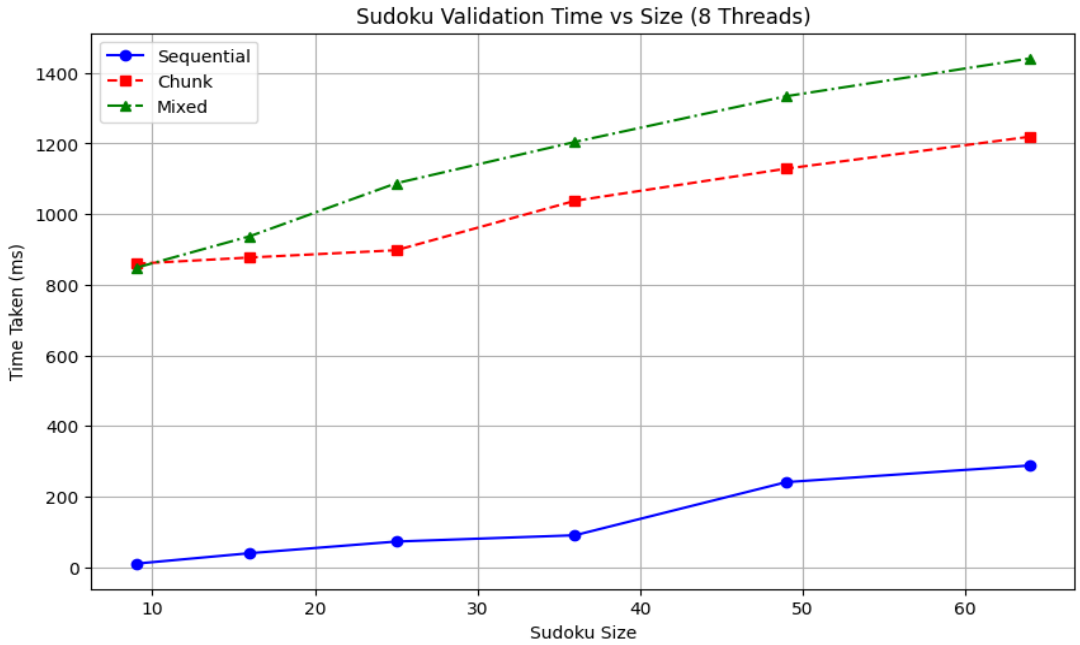
REPORT

EXPERIMENT 1:

NUMBER OF THREADS ARE CONSTANT K=8



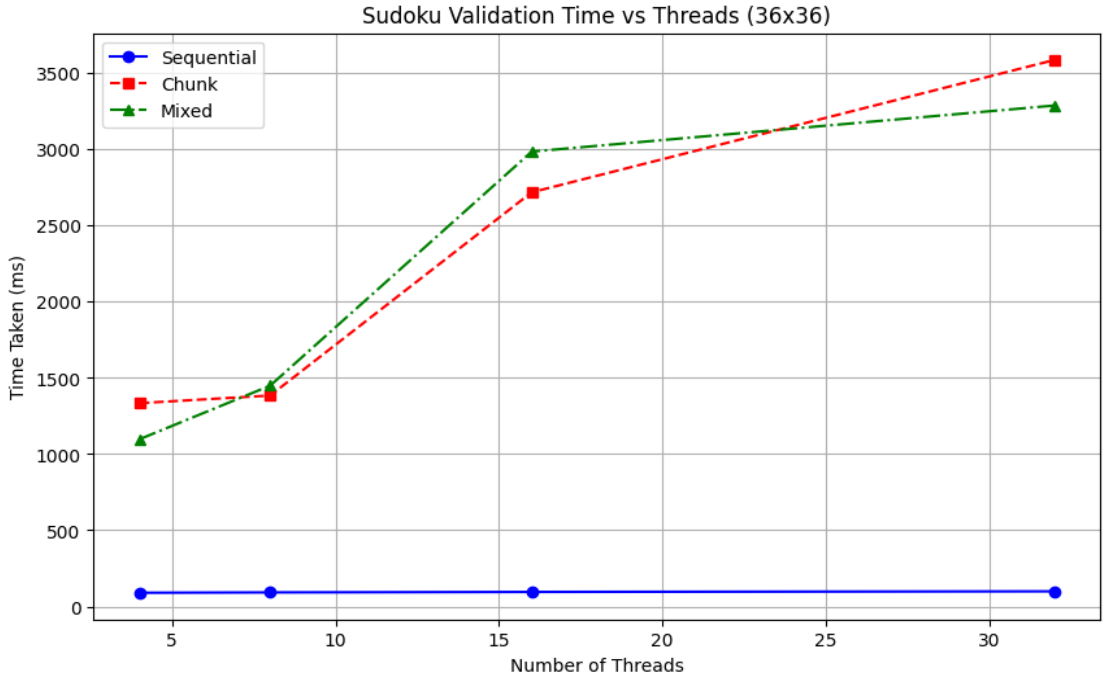
OBSERVATIONS:

1. The sequential method has a relatively lower execution time compared to chunk-based and mixed methods.
2. As the Sudoku size increases, all methods show an increasing trend in execution time, must be due to the increasing complexity.
3. **Anomaly Observed:** The chunk and mixed methods exhibit significantly higher execution times than the sequential approach. This could be due to overhead in managing threads, inefficient workload distribution, or cache inefficiencies.

REPORT

EXPERIMENT 2:

SIZE OF THE SUDOKU IS CONSTANT N=36



OBSERVATIONS:

1. The sequential method shows a small increase in execution time as the number of threads increases, which is unexpected. Ideally, it should remain constant.
2. **Anomaly Observed:** The chunk and mixed methods show a non-linear increase in execution time as threads increase, which is an anomaly. Typically, more threads should lead to better performance