

High Performance Computing

Quiz

Report

Team No: 9

Team Members:

Anirudh Chimpidi – SE20UCSE019

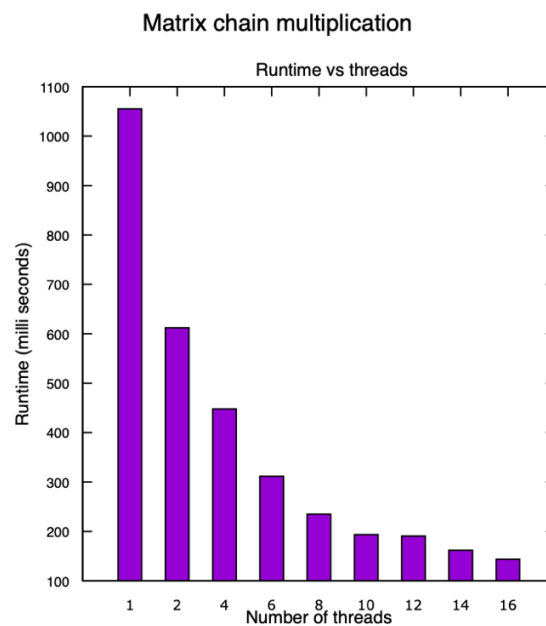
Naga Tharun Makkena – SE20UCSE105

Sri Harsha Vandanapu - SE20UCSE184

Rohan Potta - SE20UCSE145

Dhanush Bommavaram - SE20UCSE039

Matrix Chain Multiplication



Here, min_number_multiplications is called multiple times with different number of threads, we can observe that as the number threads increases runtime decreases. The decrease is also exponential (approx.). This parallelization was made possible by using `#pragma omp parallel` for applied to the inner for loop in the code.