

High Performance Computing

Quiz

Report

Team No: 9

Team Members:

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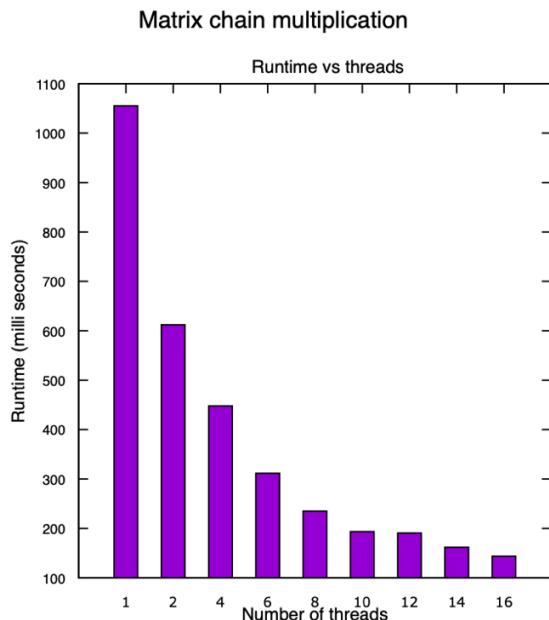
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Matrix Chain Multiplication



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.