

PRN: 22610017

CA-Assignment No.3

D	D	M	M	Y	Y	Y	Y

Matrix multiplication code with openMP.

observation:-

- Execution time drops from 14.0527 sec. with 1st thread to ~~2.7492~~ with ~~8 threads~~ 3.0759 sec. with 4th thread.
- After 4th thread execution time increases peaking 3.20622 sec with 5th thread. After that time drops to 2.7492 with 8th thread.
- overhead impact: Additional threads introduce more overhead, reducing performance benefits.