

Programming Assignment-2

Time taken to execute for serial code $T_{\text{serial}} = 8.82\text{sec}$

Efficiency = $T_{\text{serial}}/t \cdot T_{\text{parallel}}$

t = No. of threads

Openmp:

No. of Threads	Time to execute(T_{parallel})sec	Efficiency
1	5.84505	1.508969
2	5.84455	0.754549
4	5.84445	0.37728
8	5.84585	0.18859
16	5.85611	0.094132