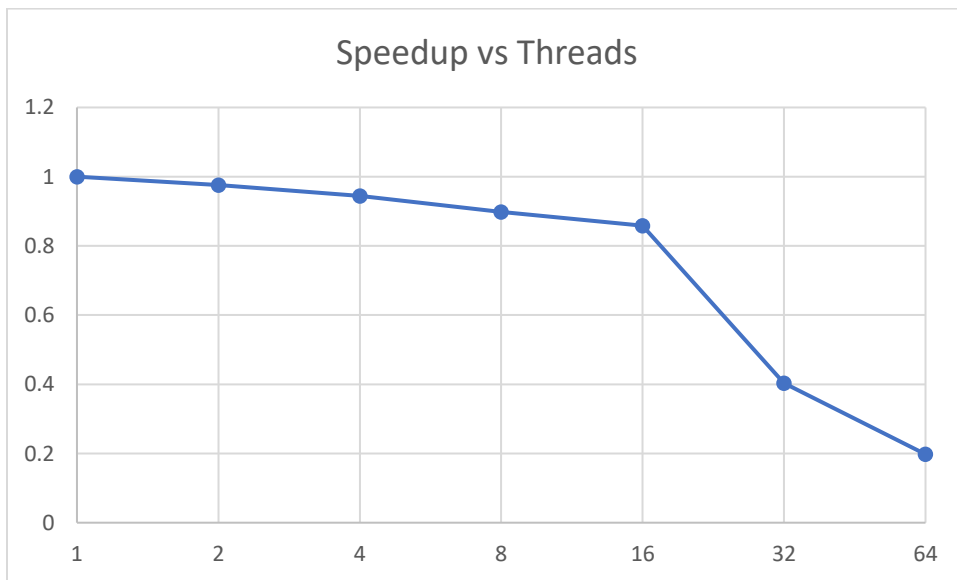
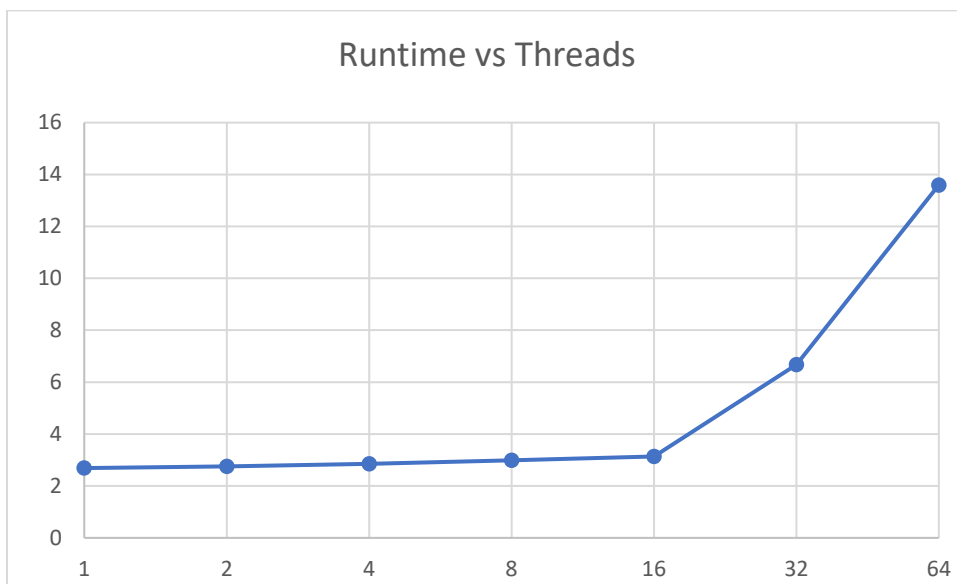
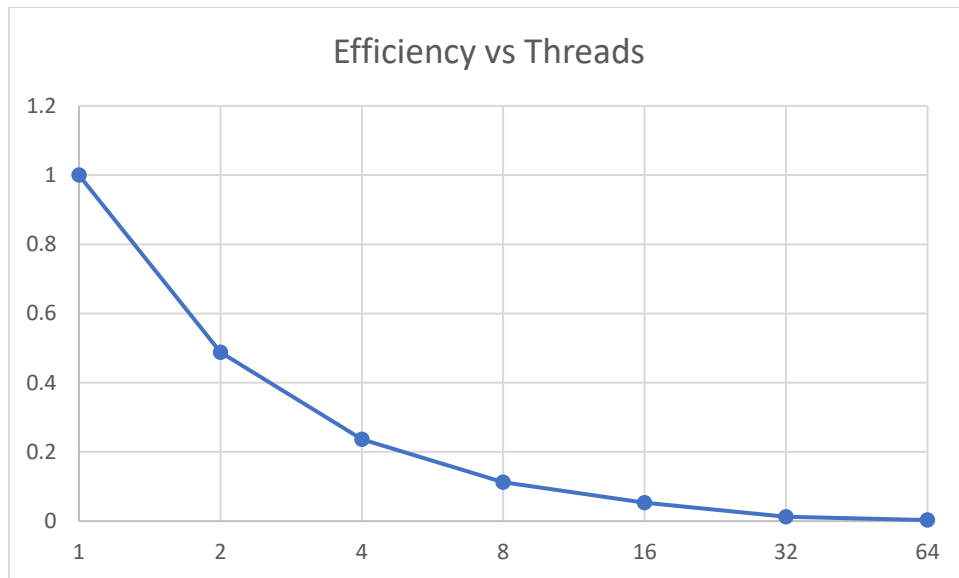


Weak Scalability Study –

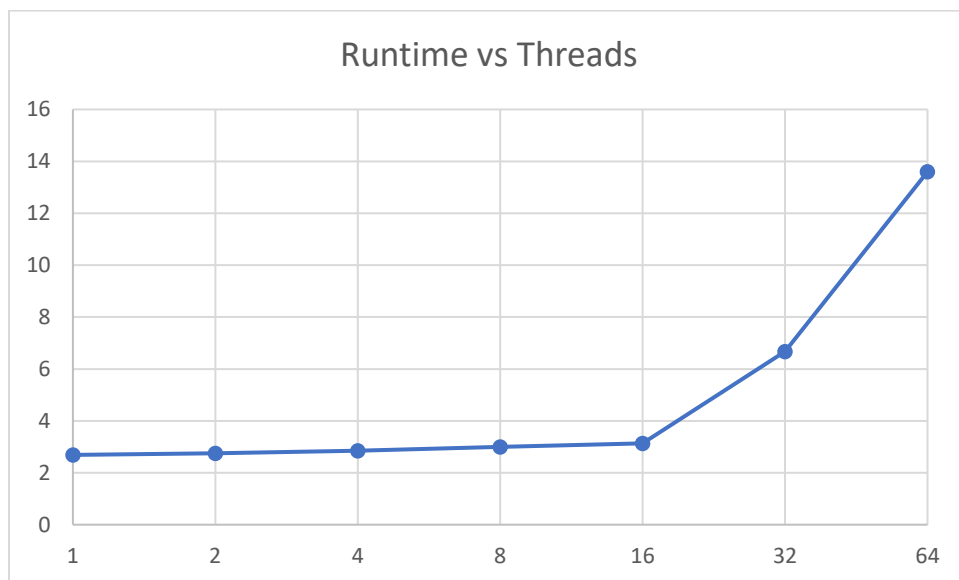
n	p	execution time	speedup	efficiency
20480000	1	2.688906	1	1
20480000	2	2.756021	0.975648	0.487824
20480000	4	2.846563	0.944615	0.236154
20480000	8	2.993629	0.898209	0.112276
20480000	16	3.133076	0.858232	0.053639
20480000	32	6.670226	0.403121	0.012598
20480000	64	13.597227	0.197754	0.00309



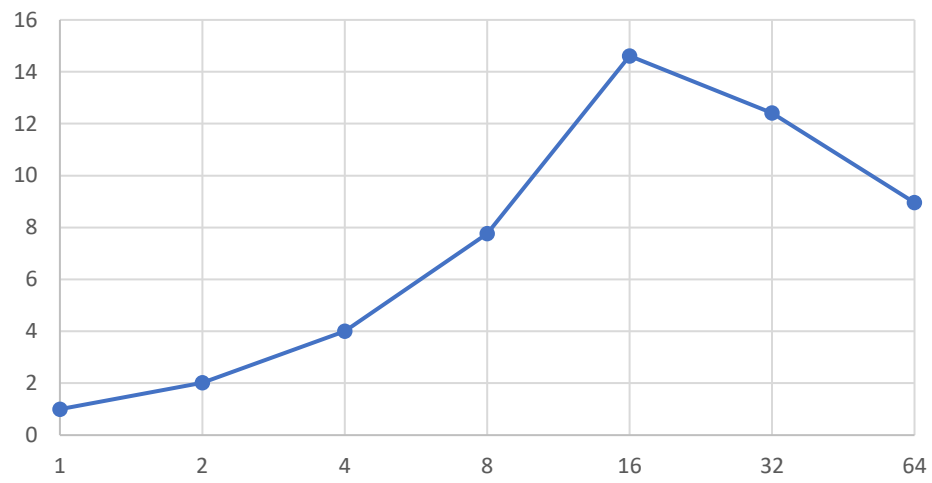


Strong Scalability Study –

n	p	execution time	speedup	efficiency
20480000	1	2.692624	1	1
10240000	2	1.337609	2.013013	1.006506
5120000	4	0.671572	4.009435	1.002359
2560000	8	0.34691	7.761736	0.970217
1280000	16	0.184273	14.61215	0.913259
640000	32	0.216966	12.41035	0.387823
320000	64	0.300317	8.965939	0.140093



Speedup vs Threads



Efficiency vs Threads

