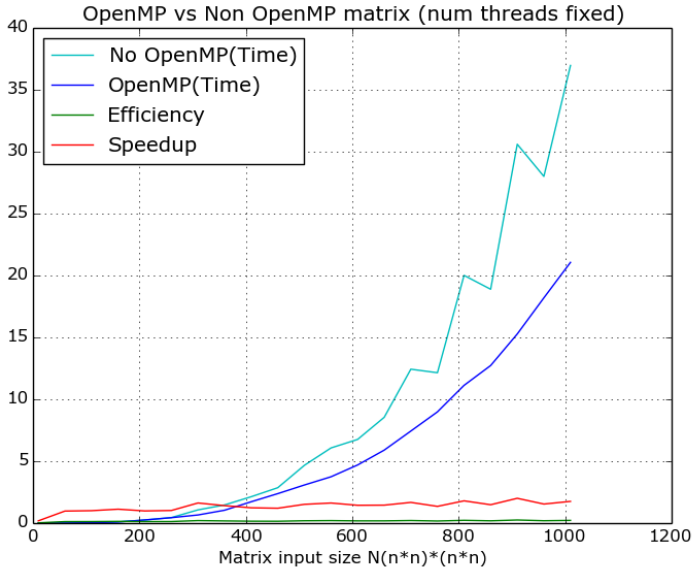
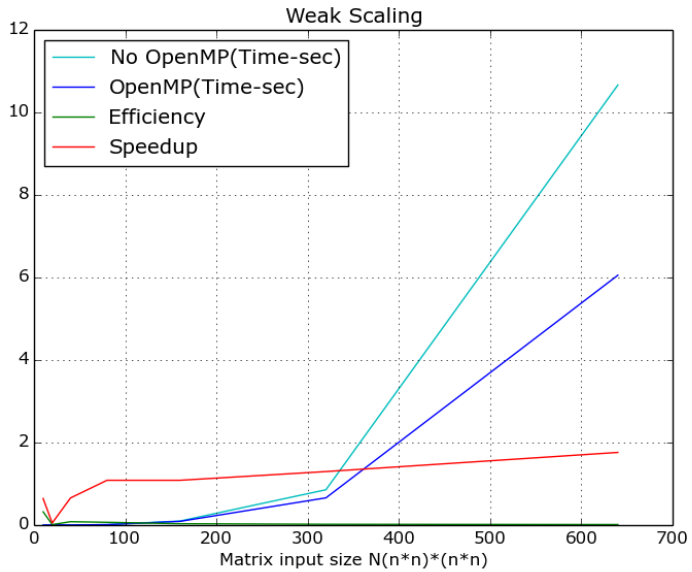
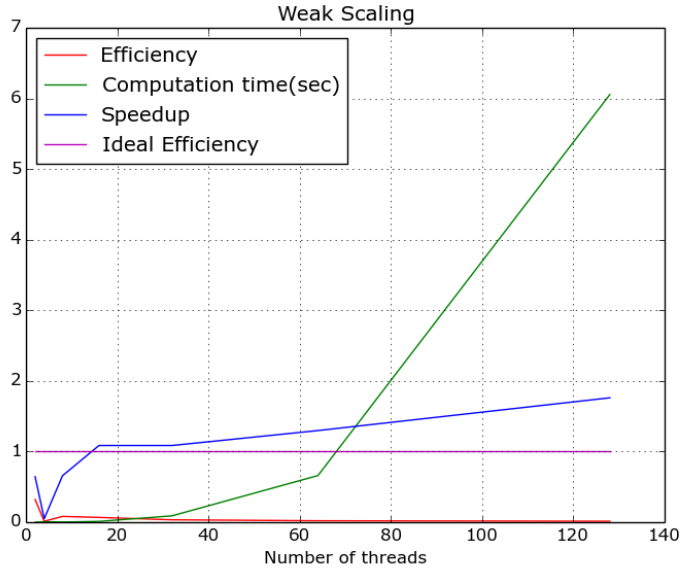
Problem size vs Computational time, speedup and efficiency (Number of threads = 8)				
Problem Size	Non-OpenMP computational time(second)	OpenMP computational time(second)	Speedup	Efficiency
10	0.000119	0.00065	0.183077	0.0228846
60	0.004944	0.005084	0.972463	0.121558
110	0.031968	0.031868	1.00314	0.125392
160	0.100862	0.089778	1.12346	0.140433
210	0.249224	0.253599	0.982748	0.122844
260	0.445647	0.437531	1.01855	0.127319
310	1.06694	0.656598	1.62495	0.203119
360	1.46589	1.03957	1.41009	0.176262
410	2.12943	1.72399	1.23517	0.154396
460	2.85951	2.38063	1.20115	0.150144
510	4.66763	3.07824	1.51633	0.189541
560	6.07125	3.74203	1.62245	0.202806
610	6.75856	4.69441	1.4397	0.179963
660	8.54601	5.89491	1.44973	0.181216
710	12.4313	7.43473	1.67206	0.209008
760	12.1461	8.985	1.35182	0.168977
810	20.0097	11.1264	1.79839	0.224799
860	18.889	12.7284	1.484	0.185501
910	30.6025	15.2769	2.00318	0.250398
960	28.0031	18.1966	1.53892	0.192365
1010	36.9661	21.062	1.75511	0.219389



Weak Scaling (In terms of Problem size, time, efficiency, speedup)					
Problem Size	Non - OpenMp Computational Time(sec)	Number of threads	OpenMp Computational Time(sec)	Speedup	Efficiency
10	0.000125	2	0.000194	0.64433	0.322165
20	0.000315	4	0.006185	0.0509297	0.0127324
40	0.001514	8	0.002302	0.657689	0.0822111
80	0.012294	16	0.011322	1.08585	0.0678657
160	0.097878	32	0.090145	1.08578	0.0339308
320	0.856476	64	0.660108	1.29748	0.0202731
640	10.6639	128	6.05513	1.76114	0.0137589





Strong Scaling (Problem size = 700, time, efficiency, speedup)			
Number of threads	OpenMp Computational Time(sec)	Speedup	Efficiency
2	8.86146	1.28294	0.641468
4	8.69033	1.27825	0.319563
8	7.94197	1.41755	0.177194
16	8.22999	1.28895	0.0805592
32	7.79034	1.41301	0.0441565
64	8.10747	1.3708	0.0214188
128	7.49662	1.67262	0.0130674
256	6.98028	1.52965	0.00597519