Table 1 Execution time and speedup using MPI Implementation

Steps		Max Time Speedup			Time	Avg Time Speedup		
	Time p = 1							
		p = 5	p = 10	p = 20	p = 1	p = 5	p = 10	p = 20
5000	2.48	2.98	3.93	6.52	2.09	4.35	5.80	9.50
10000	10.79	2.84	3.79	6.50	8.96	4.12	5.49	9.43
20000	46.54	2.82	3.92	6.68	37.65	4.06	5.75	9.70
40000	94.78	1.36	1.91	3.50	73.90	1.89	2.68	4.64
60000	220.76	1.56	2.19	3.79	168.59	2.15	3.12	5.30
80000	394.03	1.53	2.18	3.77	302.15	2.13	3.10	5.33
100000	795.86	3.88	2.81	4.85	655.78	5.63	4.30	7.95

Table 2 Execution time and speedup using OpenMP Implementation

Steps	Time p = 1	Max Time Speedup			Time	Avg Time Speedup		
5000		2.48	1.43	2.66	3.30	2.09	1.99	2.67
10000	10.79	1.53	3.03	4.15	8.96	1.92	3.24	4.22
20000	46.54	1.86	3.44	4.79	37.65	2.05	3.58	4.92
40000	94.78	1.18	2.07	5.52	73.90	1.20	2.08	5.44
60000	220.76	1.21	2.13	5.71	168.59	1.21	2.15	5.61
80000	394.03	1.20	2.13	5.73	302.15	1.20	2.18	5.33
100000	795.86	1.19	2.09	5.69	655.78	1.21	2.11	5.45