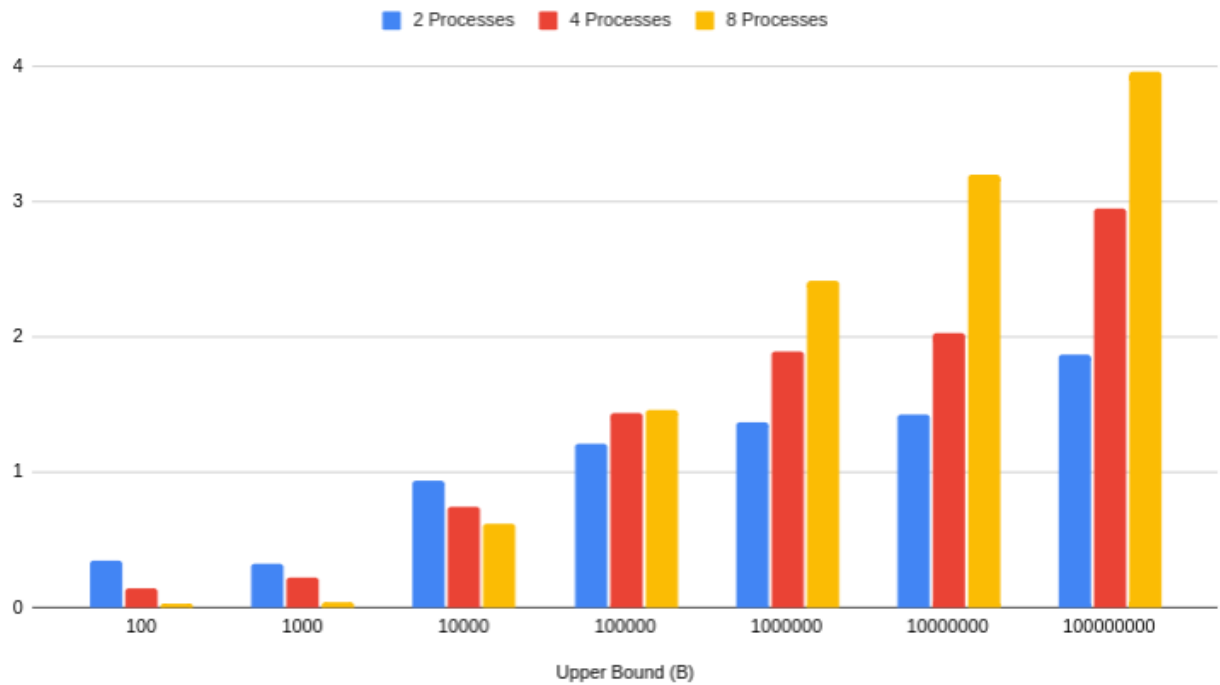
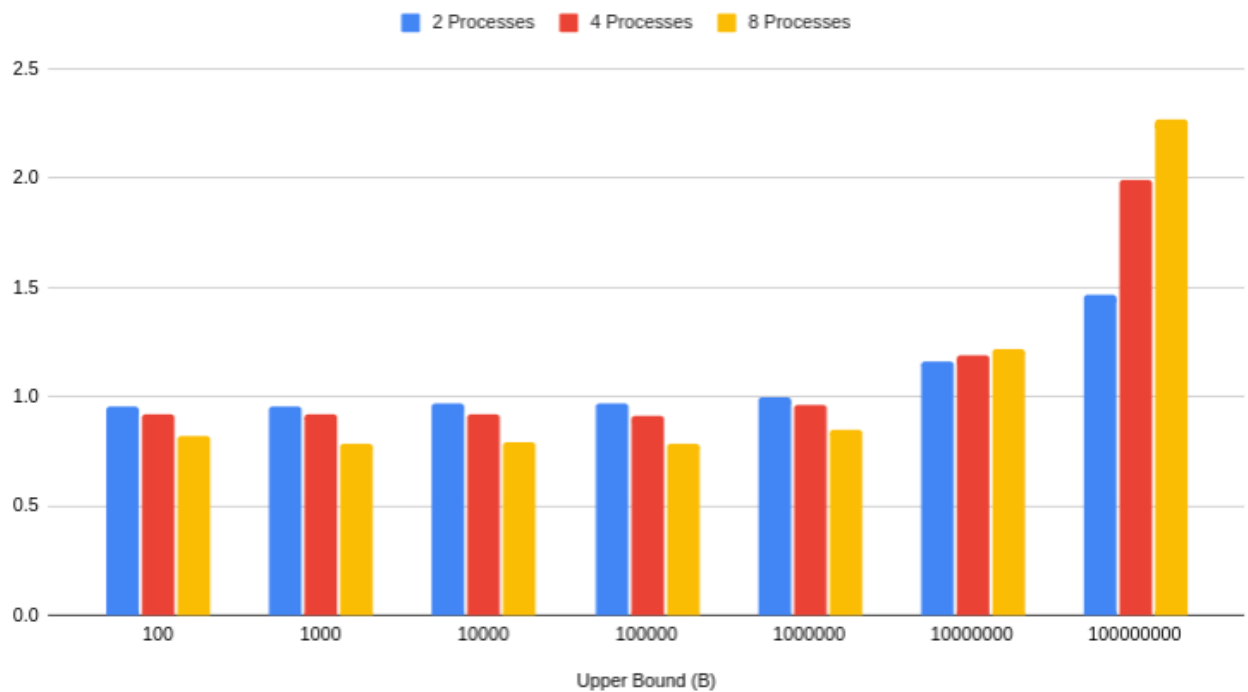


(Graph 1) Speedup for Part 1



(Graph 2) Speedup for Real Time



x = 91		GRAPH 1: SPEEDUP FOR PART 1							
B	A = 2	1 process	2 process	4 process	8 process	Upper Bound (B) 2 Processes	4 Processes	8 Processes	
100	0.000029	0.000083	0.000207	0.001049	100	0.3493975904	0.1400966184	0.02764537655	
1000	0.0000044	0.000134	0.000197	0.001057	1000	0.328358209	0.2233502538	0.04162724693	
10000	0.000297	0.000315	0.000396	0.000481	10000	0.9428571429	0.75	0.6174636175	
100000	0.002413	0.002	0.00168	0.001654	100000	1.2065	1.436309524	1.458887545	
1000000	0.025496	0.018683	0.013489	0.010536	1000000	1.364663063	1.890132701	2.419893698	
10000000	0.286186	0.201259	0.141159	0.08954	10000000	1.421978644	2.027401724	3.196180478	
100000000	3.489373	1.866371	1.185233	0.881916	100000000	1.869603096	2.944039695	3.956582033	
x = 91		GRAPH 2: SPEEDUP BASED ON TIME COMMAND (REAL)							
B	A = 2	1 process	2 process	4 process	8 process	Upper Bound (B) 2 Processes	4 Processes	8 Processes	
100	0.384	0.402	0.418	0.468	100	0.9552238806	0.9186602871	0.8205128205	
1000	0.375	0.393	0.409	0.478	1000	0.9541984733	0.9168704156	0.7845188285	
10000	0.38	0.391	0.413	0.479	10000	0.9718670077	0.9200968523	0.7933194154	
100000	0.379	0.39	0.415	0.481	100000	0.9717948718	0.913253012	0.7879417879	
1000000	0.42	0.42	0.436	0.495	1000000	1	0.9633027523	0.8484848485	
10000000	0.798	0.689	0.671	0.654	10000000	1.15820029	1.189269747	1.220183486	
100000000	5.127	3.498	2.574	2.261	100000000	1.465694683	1.991841492	2.267580716	