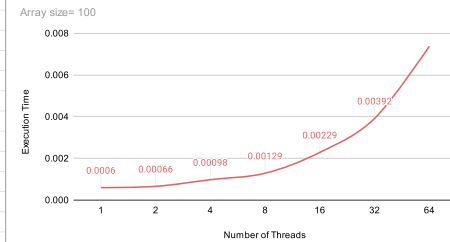
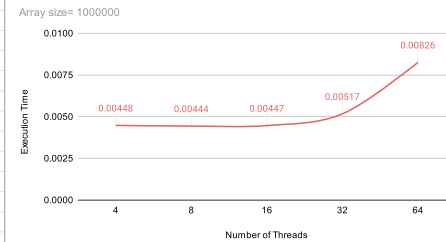


Array_Size	Number_Of_Threads	Ex_Time (s)	Ratio (Correct/All)
100	1	0.0006	100
100	2	0.00066	100
100	4	0.00098	100
100	8	0.00129	100
100	16	0.00229	100
100	32	0.00392	100
100	64	0.00738	100
10000	1	0.00069	100
10000	2	0.00065	98
10000	4	0.00086	97
10000	8	0.00173	95
10000	16	0.00227	93
10000	32	0.00414	94
10000	64	0.00784	99
100000	1	0.0015	100
100000	2	0.00107	1
100000	4	0.0015	1
100000	8	0.00155	1
100000	16	0.0023	82
100000	32	0.00432	94
100000	64	0.0084	98
1000000	1	0.00557	100
1000000	2	0.00441	0
1000000	4	0.00448	0
1000000	8	0.00444	0
1000000	16	0.00447	0
1000000	32	0.00517	0
1000000	64	0.00826	0
10000000	1	0.04844	100
10000000	2	0.03264	0
10000000	4	0.03424	0
10000000	8	0.03484	0
10000000	16	0.03504	0
10000000	32	0.03524	0
10000000	64	0.03544	0
100000000	1	0.503	100
100000000	2	0.463	0
100000000	4	0.366	0
100000000	8	0.36	0
100000000	16	0.3552	0
100000000	32	0.35503	0
100000000	64	0.35386	0
1.00E+09	1	1.973	100
1.00E+09	2	3.663	0
1.00E+09	4	3.913	0
1.00E+09	8	3.743	0
1.00E+09	16	3.413	0
1.00E+09	32	3.423	0
1.00E+09	64	3.423	0

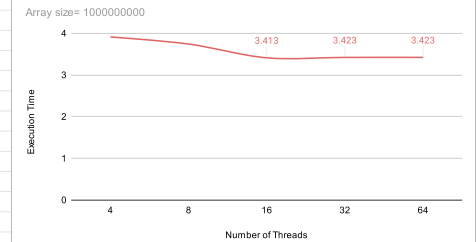
How execution time varies with the number of threads



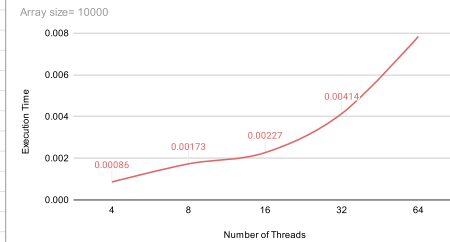
How execution time varies with the number of threads



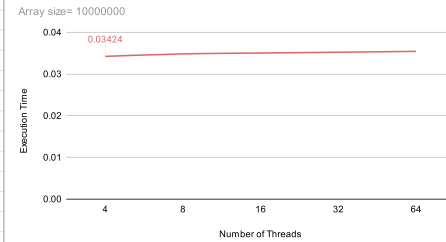
How execution time varies with the number of threads



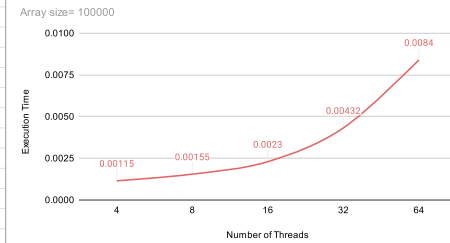
How execution time varies with the number of threads



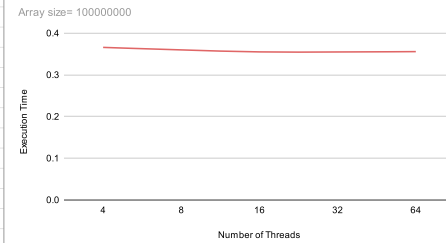
How execution time varies with the number of threads



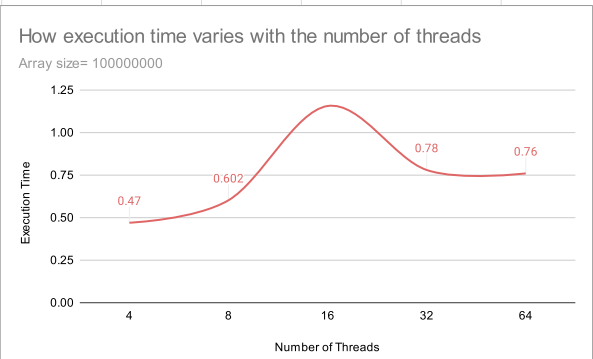
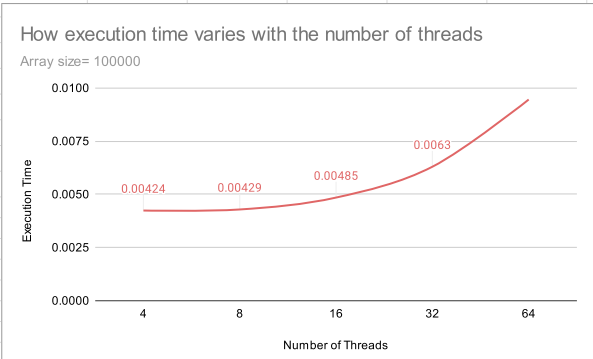
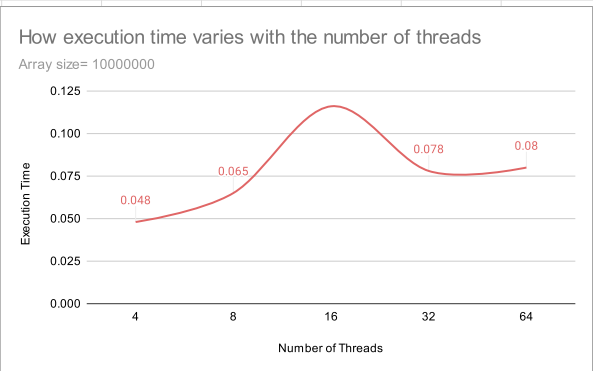
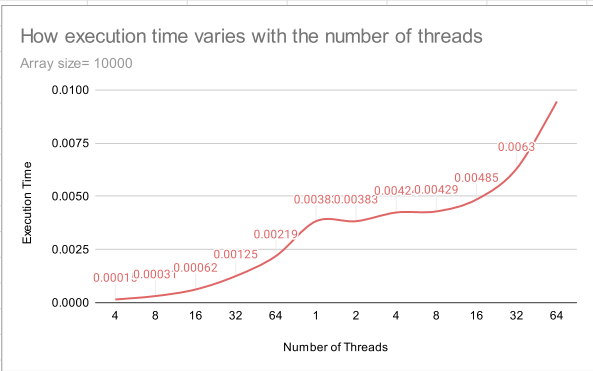
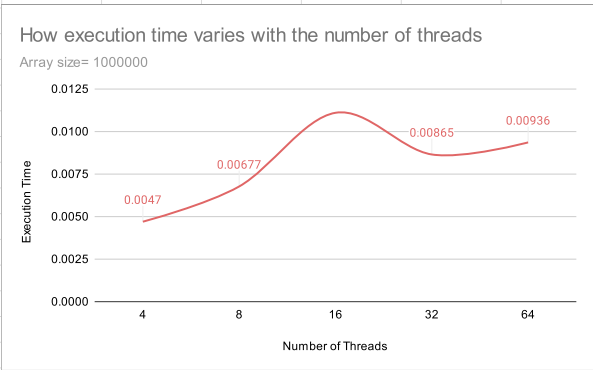
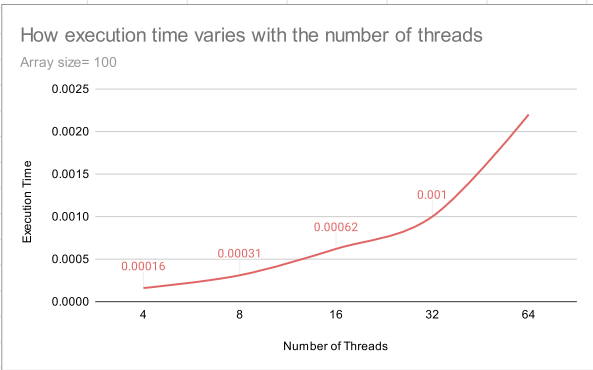
How execution time varies with the number of threads



How execution time varies with the number of threads



count_mutex.c			
Array_Size	Number_Of_Threads	Ex_Time (s)	Ratio (Correct/All)
100	1	0	100
100	2	0.00015	100
100	4	0.00016	100
100	8	0.00031	100
100	16	0.00062	100
100	32	0.001	100
100	64	0.0022	100
10000	1	0.00016	100
10000	2	0.00015	100
10000	4	0.00015	100
10000	8	0.00031	100
10000	16	0.00062	100
10000	32	0.00125	100
10000	64	0.00219	100
100000	1	0.00383	100
100000	2	0.00383	100
100000	4	0.00424	100
100000	8	0.00429	100
100000	16	0.00485	100
100000	32	0.0063	100
100000	64	0.00946	100
1000000	1	0.006	100
1000000	2	0.00563	100
1000000	4	0.0047	100
1000000	8	0.00677	100
1000000	16	0.0111	100
1000000	32	0.00865	100
1000000	64	0.00936	100
10000000	1	0.04	100
10000000	2	0.056	100
10000000	4	0.048	100
10000000	8	0.065	100
10000000	16	0.116	100
10000000	32	0.078	100
10000000	64	0.08	100
100000000	1	0.045	100
100000000	2	0.55	100
100000000	4	0.47	100
100000000	8	0.602	100
100000000	16	1.156	100
100000000	32	0.78	100
100000000	64	0.76	100



count_private.c			
Army_Size	Number_OF_Threads	Ex_time (s)	Ratio (Correct/All)
100	1	0.00027	100
100	2	0.0003	100
100	4	0.0003	100
100	8	0.00043	100
100	16	0.00074	100
100	32	0.00134	100
100	64	0.00249	100
10000	1	0.00031	100
10000	2	0.00027	100
10000	4	0.0003	100
10000	8	0.00043	100
10000	16	0.00085	100
10000	32	0.00129	100
10000	64	0.00238	100
1000000	1	0.00072	100
100000	2	0.00072	100
1000000	4	0.0008	100
1000000	8	0.0053	100
1000000	16	0.00085	100
1000000	32	0.00234	100
1000000	64	0.00629	100
10000000	1	0.00238	100
100000000	2	0.0015	100
10000000	4	0.00082	100
100000000	8	0.00062	100
100000000	16	0.0009	100
100000000	32	0.00137	100
100000000	64	0.00236	100
1000000000	1	0.02122	100
1000000000	2	0.01082	100
1000000000	4	0.00629	100
1000000000	8	0.00361	100
1000000000	16	0.00422	100
1000000000	32	0.00302	100
1000000000	64	0.00362	100
10000000000	1	0.2051	100
10000000000	2	0.1071	100
10000000000	4	0.0579	100
10000000000	8	0.0348	100
10000000000	16	0.0321	100
10000000000	32	0.0264	100
10000000000	64	0.0274	100
1.00E-09	1	1.9831	100
1.00E-09	2	1.0531	100
1.00E-09	4	0.5031	100
1.00E-09	8	0.4131	100
1.00E-09	16	0.2631	100
1.00E-09	32	0.1931	100
1.00E-09	64	0.2151	100

