

COMP 2402 - ASSIGNMENT 9 - SAMPLE DATA SET							
	ELEMENTS	METHODS					
		Sorted Add()	Sorted Find()	Sorted Remove()	Random Add()	Random Find()	Random Remove()
Skiplist	1000	0.001772975	6.72E-04	6.60E-04	7.79E-04	3.76E-04	4.39E-04
	10000	0.005308684	0.002634886	0.001584559	0.005307222	0.004256018	0.003812774
	100000	0.065325057	0.028211952	0.015854082	0.028314937	0.027652558	0.014837987
	1000000	0.323475476	0.311854883	0.169531513	1.795889039	1.717077962	1.59238399
Scapegoat Tree	1000	0.004682585	5.76E-04	5.18E-04	6.71E-04	3.20E-04	3.88E-04
	10000	0.013255182	0.00186923	0.002301942	0.003935946	0.003384158	0.003236996
	100000	0.10758096	0.018585809	0.013788829	0.101834591	0.017996866	0.011573782
	1000000	1.617655027	0.164601121	0.104837823	1.027674793	1.031752636	0.992160291
Treap	1000	0.00272529	7.88E-04	8.69E-04	0.001159163	4.39E-04	8.02E-04
	10000	0.006743741	0.001648632	0.001488304	0.004657716	0.003069353	0.005193413
	100000	0.019358194	0.016434541	0.010732935	0.01612822	0.017557133	0.011883321
	1000000	0.2064445	0.169743042	0.119352519	1.268162754	1.247565524	1.096948962
Red Black Tree	1000	0.001288771	1.26E-04	0.001059104	4.55E-04	1.64E-04	6.29E-04
	10000	0.002758351	0.001444418	0.003902008	0.004803416	0.002550041	0.003725588
	100000	0.026883391	0.015226227	0.02057002	0.023851194	0.014861099	0.019347955
	1000000	0.318354913	0.148398003	0.202200771	0.933945566	0.829163039	0.89240763