

Stan Bozhinov
Assignment 2 CS300

Data Assignments Sorted List

	List Size 500	List Size 1000	List Size 5000	List Size 10000
Selection Sort	126746	503496	12517496	50034996
Smart Bubble Sort	0	0	0	0
Shift Insertion Sort	998	1998	9998	19998
Insertion Sort	0	0	0	0

Data Assignments Descending List

	List Size 500	List Size 1000	List Size 5000	List Size 10000
Selection Sort	126746	503496	12517496	50034996
Smart Bubble Sort	374250	1498500	37492500	149985000
Shift Insertion Sort	125748	501498	12507498	50014998
Insertion Sort	2994	5994	29994	59994

Data Assignments Random List

	List Size 500	List Size 1000	List Size 5000	List Size 10000
Selection Sort	126746	503496	12517496	50034996
Smart Bubble Sort	187836	752394	19049526	74107389
Shift Insertion Sort	63610	252796	6359840	24722461
Insertion Sort	2952	5940	29952	59964

Total Operations Sorted List

	List Size 500	List Size 1000	List Size 5000	List Size 10000
Selection Sort	502498	2004998	50024998	200049998
Smart Bubble Sort	1505	3005	15005	30005
Shift Insertion Sort	2499	4999	24999	49999
Insertion Sort	2499	4999	24999	49999

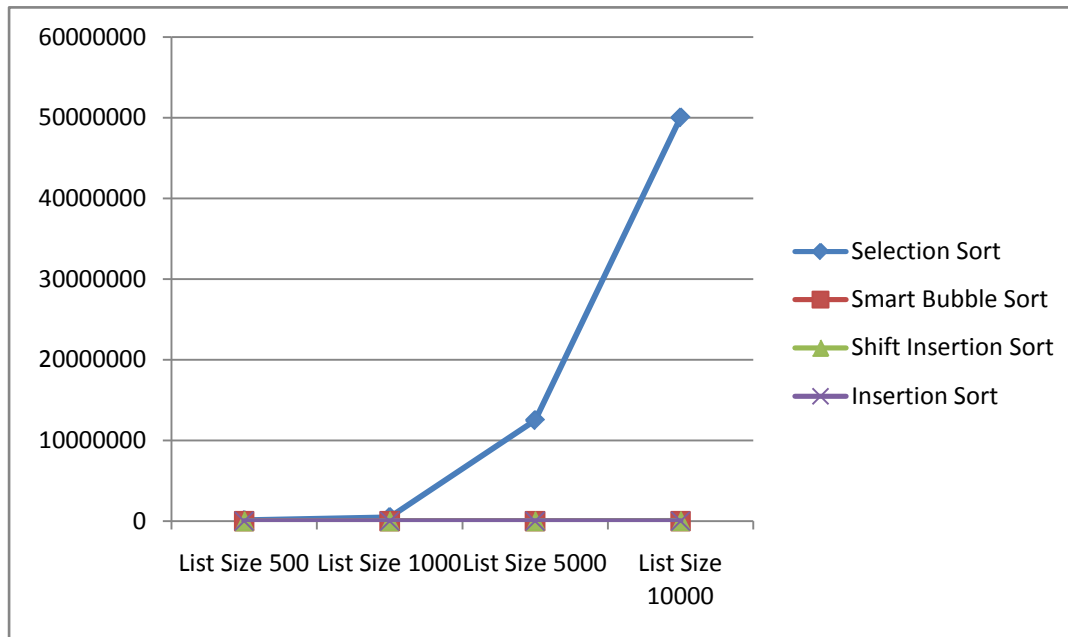
Total Operations Descending List

	List Size 500	List Size 1000	List Size 5000	List Size 10000
Selection Sort	502498	2004998	50024998	200049998
Smart Bubble Sort	1374753	5499503	137497503	549995003
Shift Insertion Sort	376749	1503499	37517499	150034999
Insertion Sort	254494	1008994	25044994	100089994

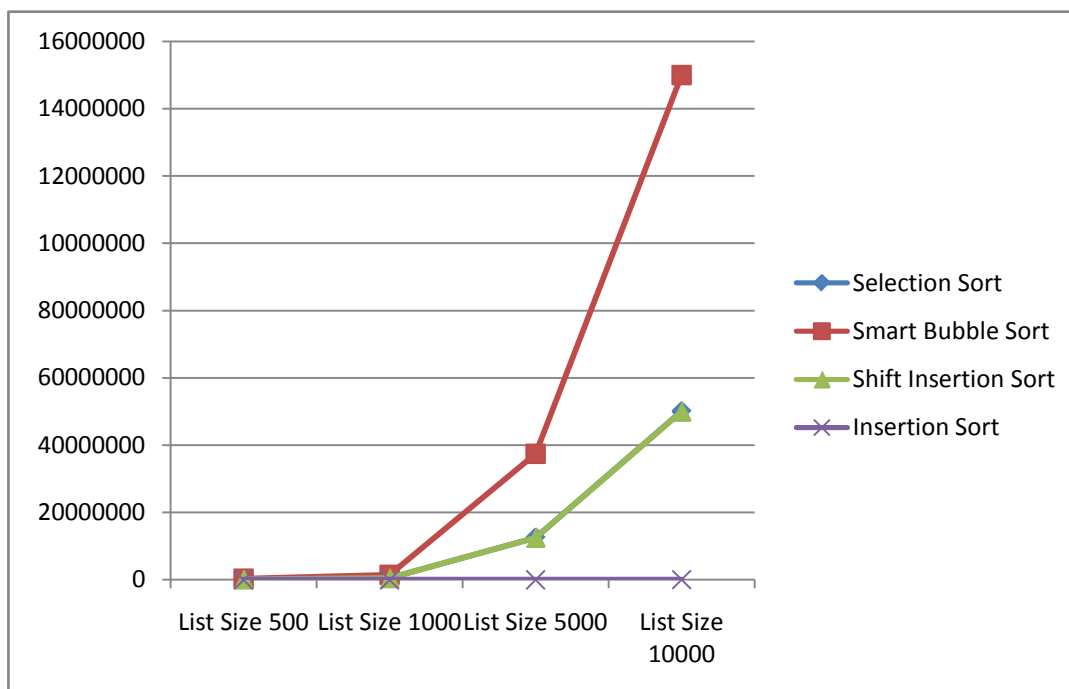
Total Operations Random List

	List Size 500	List Size 1000	List Size 5000	List Size 10000
Selection Sort	502498	2004998	50024998	200049998
Smart Bubble Sort	1028015	4084879	105244011	418792002
Shift Insertion Sort	190335	757393	19074525	74157388
Insertion Sort	130183	511545	12749643	49504895

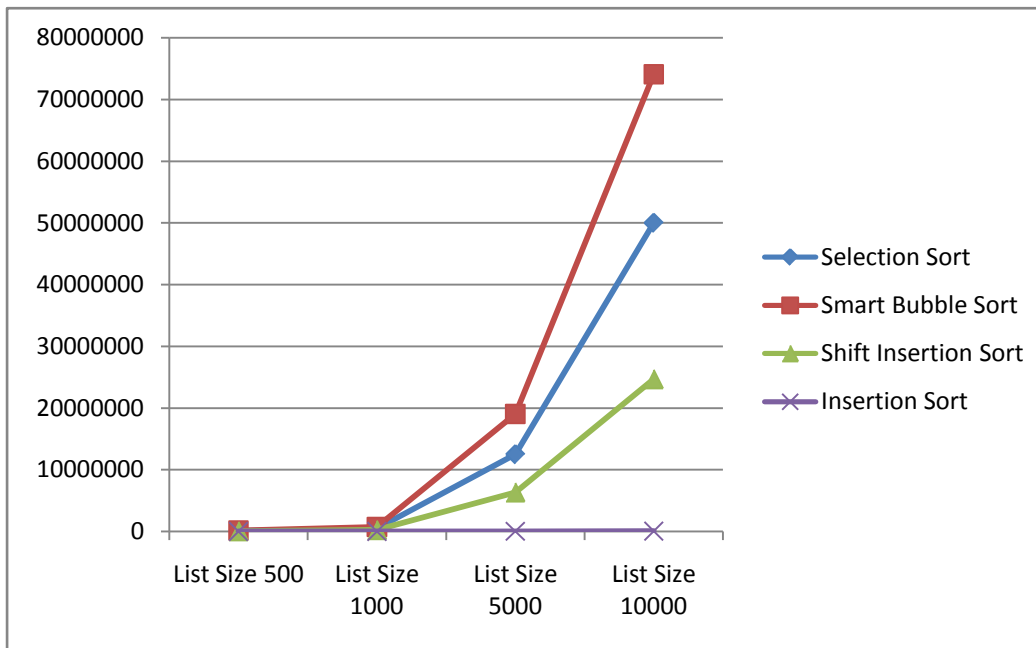
Data Assignments Sorted List



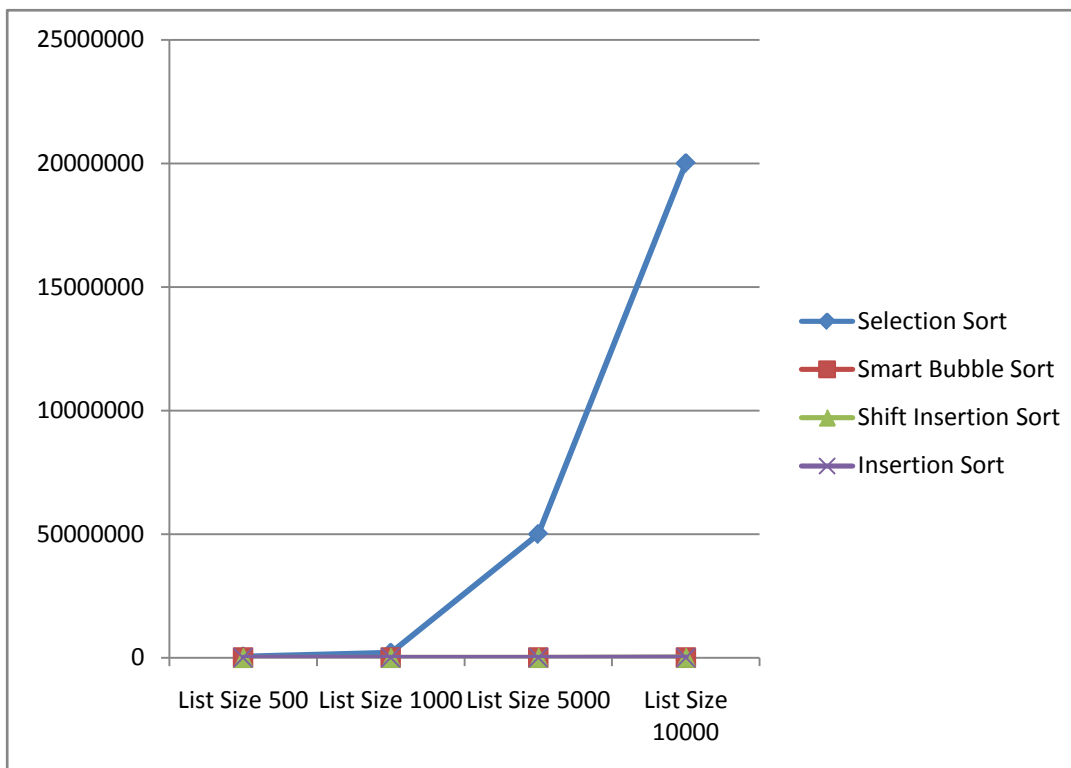
Data Assignments Descending List



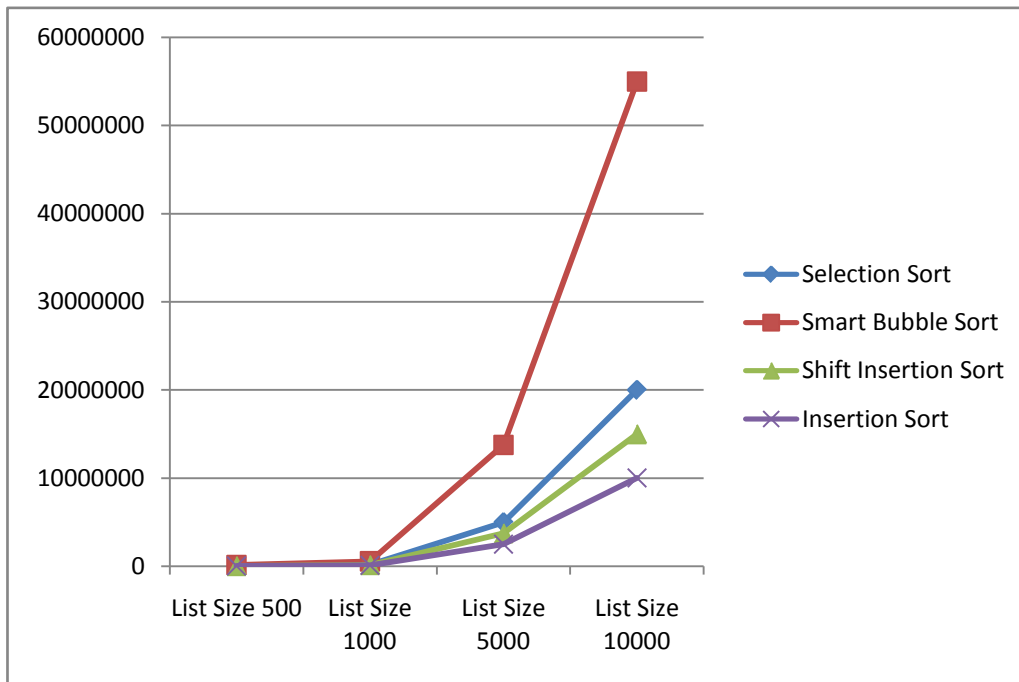
Data Assignments Random List



Total Operations Sorted List



Total Operations Descending List



Total Operations Random List

