

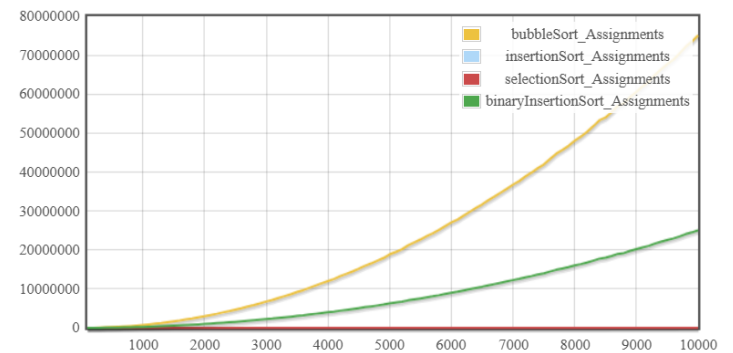
Graphs Lab1 – Direct Sorting Methods

Average

- Assignments

size	bubbleSort_Assignments	insertionSort_Assignments	selectionSort_Assignments	binaryInsertionSort_Assignments
100	7128	99	524	52
200	29760	199	204	204
300	66894	299	457	457
400	119417	399	809	809
500	184757	499	1265	1265
600	269167	599	1814	1814
700	373752	699	2467	2467
800	472836	799	3219	3219
900	605743	899	4080	4080

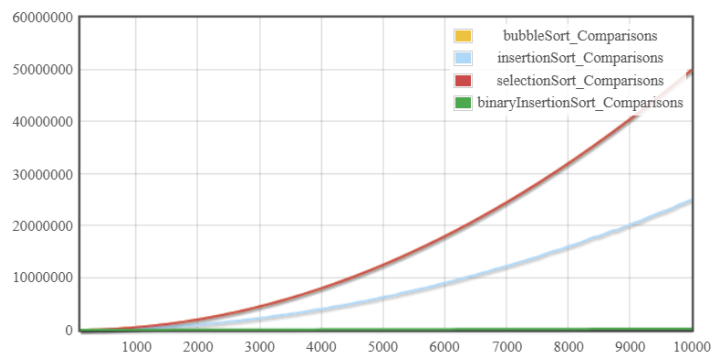
Assignments



- Comparisons

size	bubbleSort_Comparisons	insertionSort_Comparisons	selectionSort_Comparisons	binaryInsertionSort_Comparisons
100	4738	2475	524	52
200	19467	10119	204	204
300	44177	22597	457	457
400	78879	40204	809	809
500	122822	62084	1265	1265
600	177415	90321	1814	1814
700	242819	125283	2467	2467
800	315995	158411	3219	3219

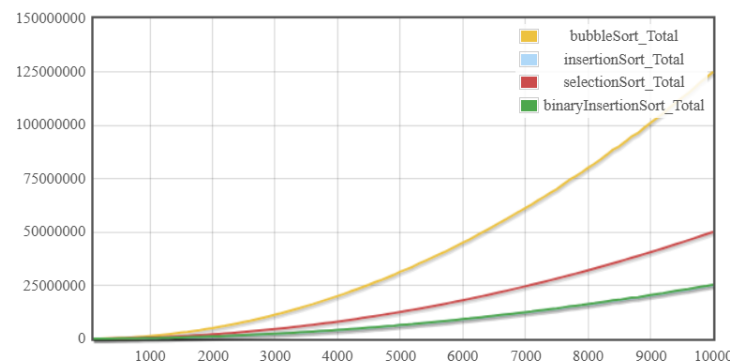
Comparisons



- Total

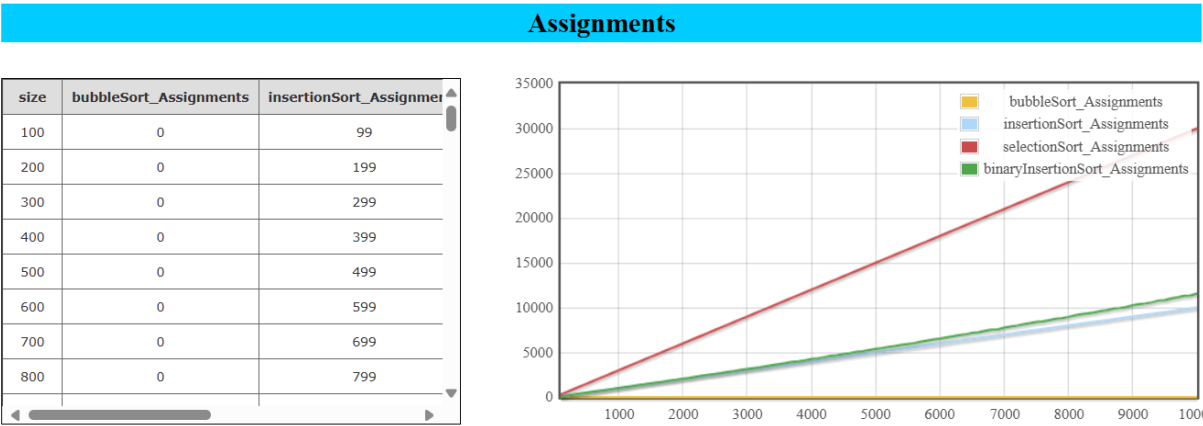
size	bubbleSort_Total	insertionSort_Total	selectionSort_Total	binaryInsertionSort_Total
100	11866	2574	524	52
200	49227	10318	204	204
300	111071	22896	457	457
400	198296	40603	809	809
500	307579	62583	1265	1265
600	446582	90920	1814	1814
700	616571	125982	2467	2467
800	788831	159210	3219	3219

Total

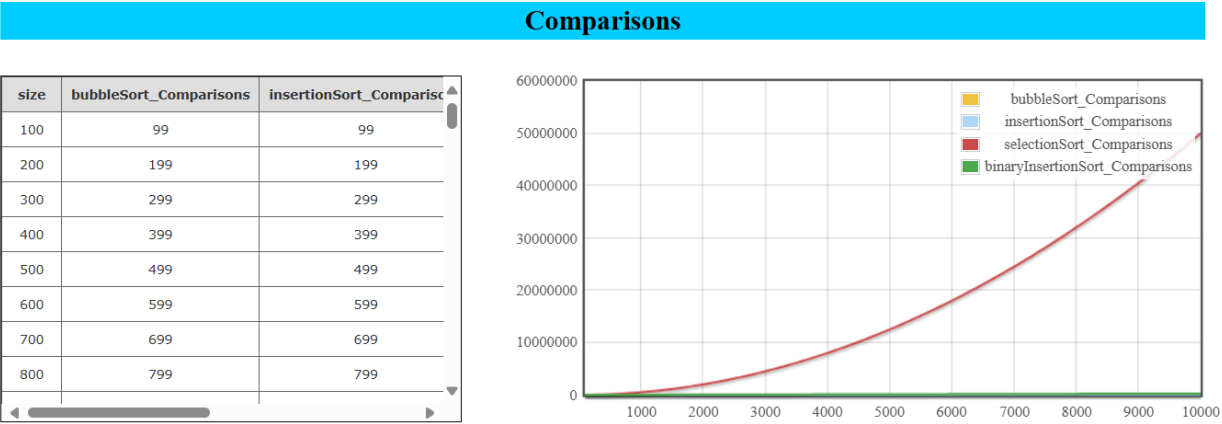


Best

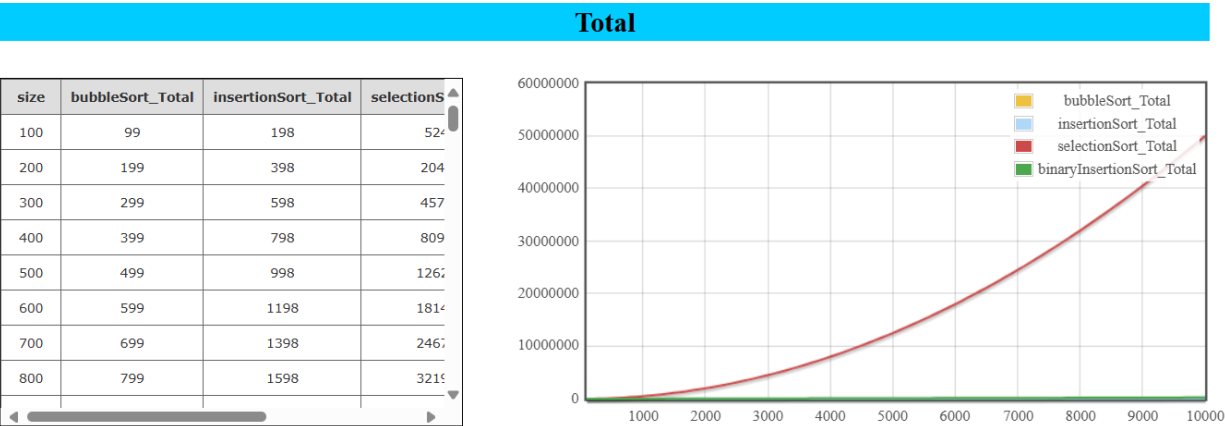
- Assignments



- Comparisons

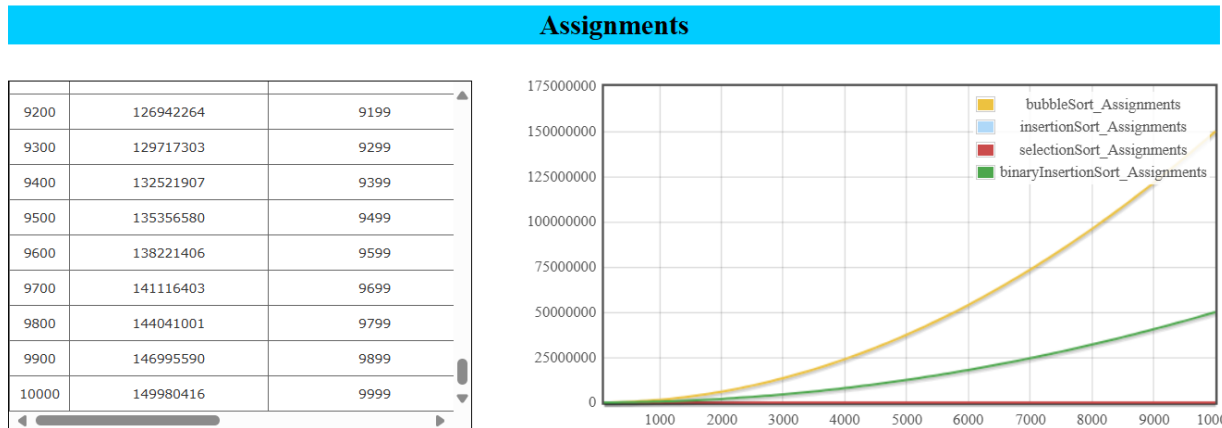


- Total

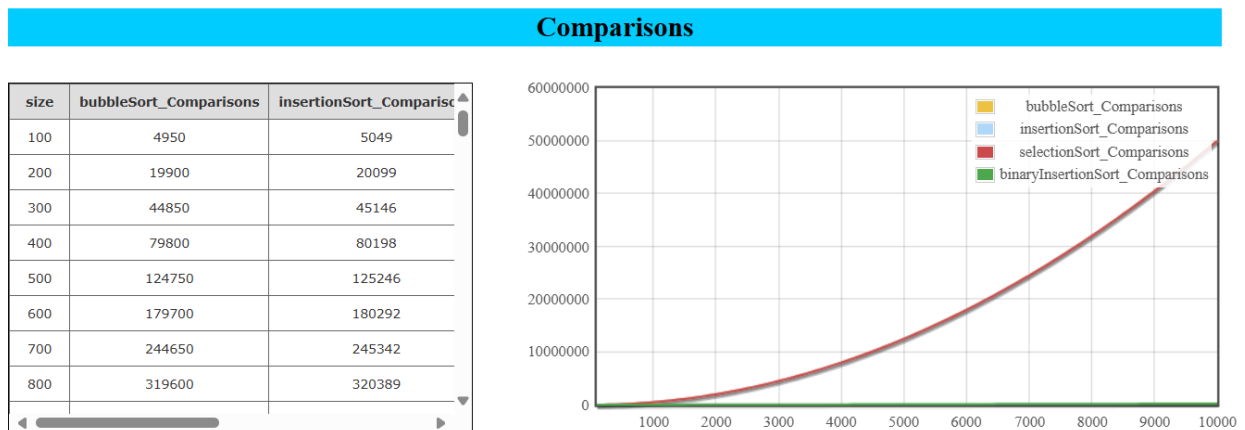


Worst

- Assignments



- Comparisons



- Total

