

# Sheet1

number of elements	Merge Sort	Insertion Sort	Quick Sort	Selection Sort	Bubble Sort
0	0	0	0	0	0
5000	0.004	0.024	0.006	0.0505	0.0576
15000	0.0096	0.146	0.008	0.496	0.546
50000	0.0285	1.512	0.0272	5.755	6.374
75000	0.044	3.38	0.0303	12.943	14.473
100000	0.052	5.999	0.0432	23.246	25.807

Plot of Time Complexity

