Selection Sort vs Bubble Sort

ALREADY SORTED INPUT

Selection Sort　Bubble Sort

Time in seconds

Number of Inputs	Selection Sort	Bubble Sort
0	0	
10,000	0.295	0.298
20,000	1.13	1.175
30,000	2.558	2.68
40,000	4.473	4.695
50,000	6.983	7.347
60,000	10.008	10.575
70,000	13.645	14.428
80,000	17.81	18.79
90,000	22.535	23.765
1,00,000	31.31	40.39

RANDOMLY GENERATED INPUT

Selection Sort　Bubble Sort

Time in seconds

Number of Inputs	Selection Sort	Bubble Sort
0	0	
10,000	0.747	0.298
20,000	2.97	1.19
30,000	6.662	2.66
40,000	11.845	4.697
50,000	18.51	7.35
60,000	26.625	10.557
70,000	36.19	14.377
80,000	47.288	21.52
90,000	59.813	31.482
1,00,000	85.305	37.9