

[10000 elements]				Time (ms)	Number of Elements
Bubble Sort 199 milliseconds	Bubble Sort	199	Bubble Sort	199	10000
Selection Sort 72 milliseconds	Selection Sort	72		746	20000
Insertion Sort 17 milliseconds	Insertion Sort	17		1210	30000
Merge Sort 2 milliseconds	Merge Sort	2		3086	40000
Shell Sort 3 milliseconds	Shell Sort	3		4980	50000
Quick Sort 1 milliseconds	Quick Sort	1		9773	100000
Heap Sort 2 milliseconds	Heap Sort	2		78520	200000
[20000 elements]				Time (ms)	Number of Elements
Bubble Sort 746 milliseconds	Bubble Sort	746	Selection Sort	72	10000
Selection Sort 265 milliseconds	Selection Sort	265		265	20000
Insertion Sort 36 milliseconds	Insertion Sort	36		409	30000
Merge Sort 2 milliseconds	Merge Sort	2		758	40000
Shell Sort 1 milliseconds	Shell Sort	1		1136	50000
Quick Sort 1 milliseconds	Quick Sort	1		4493	100000
Heap Sort 2 milliseconds	Heap Sort	2		18227	200000
[30000 elements]				Time (ms)	Number of Elements
Bubble Sort 1210 milliseconds	Bubble Sort	1210	Insertion Sort	17	10000
Selection Sort 409 milliseconds	Selection Sort	409		36	20000
Insertion Sort 64 milliseconds	Insertion Sort	64		64	30000
Merge Sort 3 milliseconds	Merge Sort	3		116	40000
Shell Sort 1 milliseconds	Shell Sort	1		153	50000
Quick Sort 1 milliseconds	Quick Sort	1		730	100000
Heap Sort 3 milliseconds	Heap Sort	3		3021	200000
[40000 elements]				Time (ms)	Number of Elements
Bubble Sort 3086 milliseconds	Bubble Sort	3086	Merge Sort	2	10000
Selection Sort 758 milliseconds	Selection Sort	758		2	20000
Insertion Sort 116 milliseconds	Insertion Sort	116		3	30000
Merge Sort 4 milliseconds	Merge Sort	4		4	40000
Shell Sort 4 milliseconds	Shell Sort	4		6	50000
Quick Sort 2 milliseconds	Quick Sort	2		13	100000
Heap Sort 3 milliseconds	Heap Sort	3		23	200000
[50000 elements]				Time (ms)	Number of Elements
Bubble Sort 4980 milliseconds	Bubble Sort	4980	Shell Sort	3	10000
Selection Sort 1136 milliseconds	Selection Sort	1136		1	20000
Insertion Sort 153 milliseconds	Insertion Sort	153		3	30000
Merge Sort 6 milliseconds	Merge Sort	6		4	40000
Shell Sort 5 milliseconds	Shell Sort	5		5	50000
Quick Sort 3 milliseconds	Quick Sort	3		11	100000
Heap Sort 4 milliseconds	Heap Sort	4		25	200000
[100000 elements]				Time (ms)	Number of Elements
Bubble Sort 19773 milliseconds	Bubble Sort	19773	Quick Sort	1	10000
Selection Sort 4493 milliseconds	Selection Sort	4493		1	20000
Insertion Sort 730 milliseconds	Insertion Sort	730		1	30000
Merge Sort 13 milliseconds	Merge Sort	13		2	40000
Shell Sort 11 milliseconds	Shell Sort	11		3	50000
Quick Sort 6 milliseconds	Quick Sort	6		6	100000
Heap Sort 10 milliseconds	Heap Sort	10		14	200000
[200000 elements]				Time (ms)	Number of Elements
Bubble Sort 78520 milliseconds	Bubble Sort	78520	Heap Sort	2	10000
Selection Sort 18227 milliseconds	Selection Sort	18227		2	20000
Insertion Sort 3021 milliseconds	Insertion Sort	3021		3	30000
Merge Sort 23 milliseconds	Merge Sort	23		3	40000
Shell Sort 25 milliseconds	Shell Sort	25		4	50000
Quick Sort 14 milliseconds	Quick Sort	14		10	100000
Heap Sort 21 milliseconds	Heap Sort	21		21	200000

