Insertion Sort (Worst)	List Size 100	List Size 10,000	List Size 100,000
Execution 1 (microseconds)	58	129,167	11,372,595
Execution 2 (microseconds)	64	112,131	11,343,935
Execution 3 (microseconds)	58	110,867	11,326,457
Execution 4 (microseconds)	42	120,842	11,246,572
Execution 5 (microseconds)	29	143,205	11,358,649
Average	50.2	123,242	11,329,642

Insertion Sort (Average)	List Size 100	List Size 10,000	List Size 100,000
Execution 1 (microseconds)	25	71,765	5,873,734
Execution 2 (microseconds)	32	56,110	5,348,122
Execution 3 (microseconds)	36	72,445	5,485,648
Execution 4 (microseconds)	35	58435	5,648,554
Execution 5 (microseconds)	32	55,922	5,468,315
Average	32	62,935	5,564,875

Insertion Sort (Best)	List Size 100	List Size 10,000	List Size 100,000
Execution 1 (microseconds)	1	157	751
Execution 2 (microseconds)	2	37	361
Execution 3 (microseconds)	7	36	1,684
Execution 4 (microseconds)	2	36	1,194
Execution 5 (microseconds)	2	41	1,144
Average	2.8	61.4	1,026.80

Selection Sort (All)	List Size 100	List Size 10,000	List Size 100,000
Execution 1 (microseconds)	34	127,894	11,606,081
Execution 2 (microseconds)	47	129,085	11,543,243
Execution 3 (microseconds)	27	132,443	11,533,133
Execution 4 (microseconds)	21	119,571	11,609,630
Execution 5 (microseconds)	34	131,588	11,560,953
Average	32.6	128,116	11,570,608

Bubble Sort (Worst)	List Size 100	List Size 10,000	List Size 100,000
Execution 1 (microseconds)	46	276,446	27,629,001
Execution 2 (microseconds)	95	273,816	27,442,361
Execution 3 (microseconds)	75	275,309	27,385,206
Execution 4 (microseconds)	69	287,334	27,403,816
Execution 5 (microseconds)	70	271,994	27,399,939
Average	71	276,980	27,452,065

Bubble Sort (Average)	List Size 100	List Size 10,000	List Size 100,000
Execution 1 (microseconds)	66	300,776	35,683,970
Execution 2 (microseconds)	45	306,403	35,716,922
Execution 3 (microseconds)	68	296,127	36,008,226
Execution 4 (microseconds)	69	312,014	35,780,571
Execution 5 (microseconds)	45	315,453	35,917,815
Average	58.6	306,155	35,821,501

Bubble Sort (Best)	List Size 100	List Size 10,000	List Size 100,000
Execution 1 (microseconds)	21	119,074	10,338,738
Execution 2 (microseconds)	27	118,426	10,358,220
Execution 3 (microseconds)	44	119,190	10,259,265
Execution 4 (microseconds)	27	117,890	10,292,580
Execution 5 (microseconds)	17	114,849	10,310,226
Average	27.2	117,886	10,311,806

Merge Sort (All)	List Size 100	List Size 10,000	List Size 100,000
Execution 1 (microseconds)	142	6,212	42,833
Execution 2 (microseconds)	51	4,579	41,330
Execution 3 (microseconds)	53	4,729	44,213
Execution 4 (microseconds)	64	5,681	42,724
Execution 5 (microseconds)	147	5,235	38,448
Average	91.4	5,287	41,910

Quick Sort (Worst)	List Size 100	List Size 10,000	List Size 100,000
Execution 1 (microseconds)	37	118927	10251137
Execution 2 (microseconds)	38	117046	10303344
Execution 3 (microseconds)	45	110582	10248599
Execution 4 (microseconds)	38	116816	10343823
Execution 5 (microseconds)	41	114577	10253544
Average	39.8	115589.6	10280089.4

Quick Sort (Average)	List Size 100	List Size 10,000	List Size 100,000
Execution 1 (microseconds)	21	3256	34246
Execution 2 (microseconds)	20	3539	31796
Execution 3 (microseconds)	49	4512	32618
Execution 4 (microseconds)	29	3523	32905

Execution 5 (microseconds)	46	3031	33449
Average	33	3572.2	33002.8
Quick Sort (Best)	List Size 100	List Size 10,000	List Size 100,000
Execution 1 (microseconds)	14	1657	18414
Execution 2 (microseconds)	13	1963	17164
Execution 3 (microseconds)	18	1513	17105
Execution 4 (microseconds)	40	2694	17493
Execution 5 (microseconds)	18	1864	17961
Average	20.6	1938.2	17627.4
Heap Sort (Worst/Avg)	List Size 100	List Size 10,000	List Size 100,000
Execution 1 (microseconds)	28	3331	44313
Execution 2 (microseconds)	59	3847	40503
Execution 3 (microseconds)	27	5117	45102
Execution 4 (microseconds)	39	4531	44025
Execution 5 (microseconds)	37	4336	44061
Average	38	4232.4	43600.8
Heap Sort (Best)	List Size 100	List Size 10,000	List Size 100,000
Execution 1 (microseconds)	4	473	3515
Execution 2 (microseconds)	5	320	3468
Execution 3 (microseconds)	7	293	2913
Execution 4 (microseconds)	22	299	3189
Execution 5 (microseconds)	4	312	2477
Average	8.4	339.4	3112.4
Counting Sort (Worst)	List Size 100	List Size 10,000	List Size 100,000
Execution 1 (microseconds)	215	513	1860
Execution 2 (microseconds)	287	413	1621
Execution 3 (microseconds)	138	433	2252
Execution 4 (microseconds)	115	228	2345
Execution 5 (microseconds)	204	295	4197
Average	191.8	376.4	2455
Counting Sort (Average)	List Size 100	List Size 10,000	List Size 100,000
Execution 1 (microseconds)	24	514	3813
Execution 2 (microseconds)	18	385	2753

Execution 3 (microseconds)	60	379	2881
Execution 4 (microseconds)	81	331	2572
Execution 5 (microseconds)	55	432	3710
Average	47.6	408.2	3145.8

Counting Sort (Best)	List Size 100	List Size 10,000	List Size 100,000
Execution 1 (microseconds)	17	216	2224
Execution 2 (microseconds)	9	312	2089
Execution 3 (microseconds)	6	343	1487
Execution 4 (microseconds)	8	280	2273
Execution 5 (microseconds)	36	312	2162
Average	15.2	292.6	2047

Radix Sort (Worst)	List Size 100	List Size 10,000	List Size 100,000
Execution 1 (microseconds)	76	4684	19345
Execution 2 (microseconds)	53	3952	22501
Execution 3 (microseconds)	53	4609	17734
Execution 4 (microseconds)	68	4184	20548
Execution 5 (microseconds)	87	4308	16573
Average	67.4	4347.4	19340.2

Radix Sort (Average)	List Size 100	List Size 10,000	List Size 100,000
Execution 1 (microseconds)	20	2355	10513
Execution 2 (microseconds)	20	2482	11828
Execution 3 (microseconds)	20	2508	12651
Execution 4 (microseconds)	11	2182	12277
Execution 5 (microseconds)	16	2105	13004
Average	17.4	2326.4	12054.6

Radix Sort (Best)	List Size 100	List Size 10,000	List Size 100,000
Execution 1 (microseconds)	8	512	4128
Execution 2 (microseconds)	5	367	4847
Execution 3 (microseconds)	8	367	2628
Execution 4 (microseconds)	3	538	3974
Execution 5 (microseconds)	16	749	4382
Average	8	506.6	3991.8