

Sort time in seconds for reference list (average of 5 runs)

List length	10	100	1000	10000	100000
Basic QuickSort	3,178E-04	4,940E-03	6,370E-02	0,809	9,677
Improved basic QuickSort	1,618E-04	1,970E-03	2,509E-02	0,338	3,963
Robert Fern's iterative QS	2,234E-04	2,577E-03	3,297E-02	0,404	5,049
ktekinay's Optimized QS	3,242E-04	4,159E-03	5,016E-02	0,733	9,011
ktekinay's MergeSort	3,880E-04	2,823E-03	3,845E-02	0,546	13,983
Nigels's Optimized QS	1,198E-04	1,216E-03	2,067E-02	0,279	3,350

Sort time in seconds for sorted list with 2 items swapped (av. of 5 runs)

List length	10	100	1000	10000	100000
Basic QuickSort	2,262E-04	2,573E-03	2,882E-02	0,338	3,710
Improved basic QuickSort	1,118E-04	1,166E-03	1,531E-02	0,202	2,358
Robert Fern's iterative QS	1,820E-04	2,103E-03	2,216E-02	0,254	3,067
ktekinay's Optimized QS	2,224E-04	1,868E-03	2,285E-02	0,284	3,132
ktekinay's MergeSort	2,204E-04	2,504E-03	3,246E-02	0,463	13,478
Nigels's Optimized QS	8,821E-05	9,704E-04	1,169E-02	0,156	2,047

Color legend

	Best of the bunch
	2nd best of the bunch
	Worst of the bunch

Test rig
16 year old
iMac (27-inch, Mid 2010)
2,93 GHz Intel Core i7
16 Go 1067 MHz DDR3