

Stats for basic Quicksort

List length	For reference list		For sorted list with 2 items swapped	
	Comparaisons with pivot	Numbers of swaps	Comparaisons with pivot	Numbers of swaps
10	16	12	17	8
100	520	203	499	86
1000	6868	2864	8240	878
10000	107838	35764	115985	8764
100000	1305527	441500	1491453	88392

Stats for improved basic Quicksort

List length	For reference list		For sorted list with 2 items swapped	
	Comparaisons with pivot	Numbers of swaps	Comparaisons with pivot	Numbers of swaps
10	16	10	17	4
100	495	158	483	31
1000	6740	2394	8063	346
10000	105730	31649	113601	3238
100000	1276605	398720	1465337	32468

Improvement in percentage (%) when using improved basic Quicksort

List length	For reference list		For sorted list with 2 items swapped	
	Comparaisons with pivot	Numbers of swaps	Comparaisons with pivot	Numbers of swaps
10	0,0	-16,7	0,0	-50,0
100	-4,8	-22,2	-3,2	-64,0
1000	-1,9	-16,4	-2,1	-60,6
10000	-2,0	-11,5	-2,1	-63,1
100000	-2,2	-9,7	-1,8	-63,3