

Média de execução dos algoritmos

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		Aleatórios					
Métrica	Algoritmo	1K	5K	10K	20K	50K	100K
Número de Comparações	Bubble Sort	980618	24579083	98964103	397008149	2489020219	9967140328
	Selection Sort	500500	12502500	50005000	200010000	1250025000	5000050000
	Insertion Sort	251376	6261036	25010716	99862715	624211764	2497627894
	Heap Sort	12156	78099	171169	372334	1030647	2211224
	Merge Sort	8714	55223	120468	260922	718145	1536343
	Quick Sort	7944	47846	104561	233384	634780	1361043
Número de Trocas	Bubble Sort	251376	6261036	25010716	99862715	624211764	2497627894
	Selection Sort	995	4989	9988	19989	49988	99990
	Insertion Sort	252375	6266035	25020715	99882714	624261763	2497727893
	Heap Sort	9072	57099	124216	268443	737470	1575065
	Merge Sort	19952	123616	267232	574464	1568928	3337856
	Quick Sort	2595	15572	33598	71829	194485	411518
Tempo	Bubble Sort	0,016408 sec	0,3332628 sec	1,2752212 sec	5,2273076 sec	32,988926 sec	130,019762 sec
	Selection Sort	0,0053252 sec	0,096102 sec	0,3707176 sec	1,5065492 sec	9,3421262 sec	36,7883036 sec
	Insertion Sort	0,0037556 sec	0,0738202 sec	0,2954926 sec	1,1481406 sec	7,2514652 sec	28,2875528 sec
	Heap Sort	0,0004166 sec	0,0023568 sec	0,0053282 sec	0,0118502 sec	0,0297816 sec	0,0612152 sec
	Merge Sort	0,0004162 sec	0,0019656 sec	0,0048304 sec	0,0095698 sec	0,025011 sec	0,0490052 sec
	Quick Sort	0,0002494 sec	0,0012358 sec	0,002915 sec	0,006304 sec	0,0157102 sec	0,030976 sec