Algorithm/size	experiment	2000	5000	10000	20000
Selection sort	F(n)=O(n ²)	4000000	25000000	100000000	40000000
	Calculated-time		0.031	0.112	0.456
	#1	0.005	0.028	0.114	0.449
	#2	0.004	0.03	0.113	0.453
Counting Sort	F(n)=O(n+m)	2100	5100	10100	20100
	Calculated-time		0	0	0
	#1	0	0	0	0.001
	#2	0	0	0	0
Insertion Sort	$F(n)=O(n^2)$	4000000	25000000	100000000	40000000
	Calculated-time		0.025	0.1	0.416
	#1	0.004	0.025	0.104	0.411
	#2	0.004	0.025	0.104	0.417
Merge Sort	F(n)=O(nlogn)	6600	18500	40000	86000
	Calculated-time		0.0056	0.013	0.021
	#1	0.002	0.006	0.01	0.029
	#2	0.002	0.006	0.011	0.024
Quick Sort	$F(n)=O(n^2)$	4000000	25000000	100000000	40000000
	Calculated-time		0.006	0.008	0.012
	#1	0.001	0.002	0.003	0.008
	#2	0	0.001	0.003	0.014
Heap Sort	F(n)=O(nlogn)	6600	18500	40000	86000
	Calculated-time		0	0.004	0.0043
	#1	0	0.002	0.002	0.003
	#2	0	0.001	0.002	0.004



