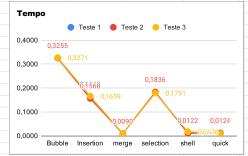


Teste 2			
	Comparações	Trocas	Tempo (seg)
)	499500	252451	0,3255
on	249701	248701	0,1568
	30013	19952	0,009
on	499500	1000	0,1836
	22338	14892	0,0122
	11817	6948	0,0121



10.000	elem	entos
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1000 14892 6948

245508

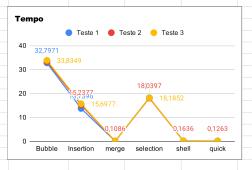
1.000 elementos

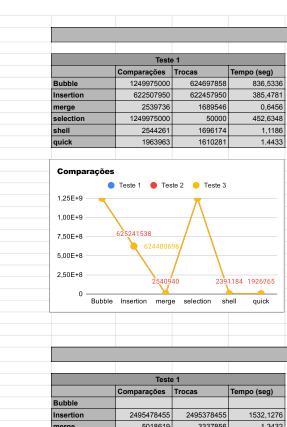
Teste 2							
	Tempo (seg)						
Bubble	49995000	24701023	33,3771				
Insertion	25015642	25005642	15,2377				
merge	414130	274180	0,1086				
selection	49995000	10000	18,0397				
shell	376245	250830	0,1636				
quick	182126	117398	0,1263				

Teste 3							
	Comparações	Trocas	Tempo (seg)				
Bubble	49995000	24932523	33,8349				
Insertion	25255810	25245810	15,6977				
merge	402222	267232	0,1132				
selection	49995000	10000	18,1852				
shell	396792	264528	0,1748				
quick	186496	126834	0,1419				

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Teste 1Teste 2Teste 3
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25015642
25255810
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414130 376245 182126
Y L
Bubble Insertion merge selection shell quick
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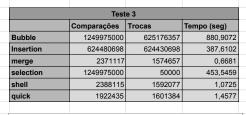
_						
Trocas						
	• т	Teste 1	Teste 2	e Tes	te 3	
30000000	24701023	}				
	2	49325232	5245810			
20000000						
		\				
		\	\			
10000000			\ 			
			274180	10000	250830	117308
0			2,,,,,,,	10000	20000	11
0 -	Bubble	Insertion	merge	selection	shell	quick

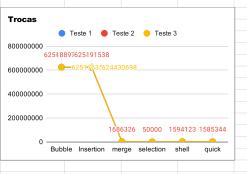


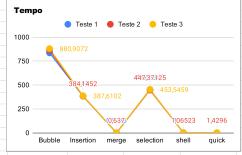


Teste 2								
Comparações Trocas Tempo (seg)								
Bubble	1249975000	625188972	864,1533					
Insertion	625241538	625191538	384,1452					
merge	2540940	1686326	0,637					
selection	1249975000	50000	447,37125					
shell	2391184	1594123	1,06523					
quick	1926765	1585344	1,4296					

50.000 elementos







100.000 elementos

Teste 1							
	Comparações	Trocas	Tempo (seg)				
Bubble							
Insertion	2495478455	2495378455	1532,1276				
merge	5018619	3337856	1,3432				
selection	4999950000	100000	1808,8642				
shell	5287452	3524968	2,2791				
quick	6362802	5740587	4,7848				

Teste 2								
	Comparações	Trocas	Tempo (seg)					
Bubble								
Insertion	2484829853	2484729853	1703,0459					
merge	5018319	3337856	1,5341					
selection	4999950000	100000	1999,795					
shell	5328526,5	3552351	2,4611					
quick	6253612	5675827	5,5372					

Teste 3						
	Tempo (seg)					
Bubble						
Insertion	2503492112	2503392112	1588,882			
merge	5204809	3464690	1,4025			
selection	4999950000	100000	1838,1947			
shell	5377560	3585040	2,4048			
quick	6306551	5670703	4,931			

