

Insertion Sort			Merge Sort			Quicksort1			Quicksort2			Quicksort3	
n	runtime(ns)		n	runtime(ns)		n	runtime(ns)		n	runtime(ns)		n	runtime(ns)
2	381		2	168		2	127		2	115		2	140
4	406		4	432		4	205		4	150		4	221
8	438		8	902		8	272		8	245		8	283
16	581		16	1637		16	349		16	664		16	694
32	1605		32	8706		32	1413		32	2452		32	2921
64	5552		64	11389		64	1754		64	1939		64	4678
128	6749		128	19104		128	3890		128	3283		128	8887
256	19258		256	39441		256	10855		256	9560		256	18290
512	61522		512	78018		512	29630		512	22945		512	31268
1024	202267		1024	135822		1024	62272		1024	48436		1024	61726
2048	516321		2048	247257		2048	126020		2048	101265		2048	121480
4096	2375110		4096	660471		4096	314195		4096	239116		4096	278369
8192	8880302		8192	1344152		8192	568798		8192	451884		8192	526724
16384	33423939		16384	2556319		16384	1128456		16384	836702		16384	1043885
32768	129933094		32768	4652270		32768	2445464		32768	1768829		32768	2219564
65536	793862389		65536	9432330		65536	5004760		65536	4709267		65536	4947206
n	nonsorted						sorted						
2	{798, 568}						{568, 798}						
4	{114, 932, 493, 879}						{114, 493, 879, 932}						
8	{987, 189, 535, 273, 598, 38, 256, 759}						{38, 189, 256, 273, 535, 598, 759, 987}						
16	{735, 917, 252, 789, 197, 322, 490, 946, 69, 233, 184, 524, 750, 486, 588, 561}						{69, 184, 197, 233, 252, 322, 486, 490, 524, 561, 588, 735, 750, 789, 917, 946}						
32	{154, 250, 979, 780, 709, 750, 356, 418, 404, 431, 771, 767, 869, 87, 275, 153,						{87, 153, 154, 157, 246, 250, 253, 275, 330, 356, 404, 418, 431, 432, 443, 498,						
	720, 921, 936, 498, 867, 677, 246, 567, 879, 714, 253, 432, 330, 157, 853, 443}						567, 677, 709, 714, 720, 750, 767, 771, 780, 853, 867, 869, 879, 921, 936, 979}						