Test Size	Insertion Sort	Bubble Sort	Merge Sort	Quick Sort	Radix Sort									
10,000									Aver	age Runt	imes			
	16	116	0	(0		Inc.	rtion Cort				k Cort A E	adiy Cort	
	16	132	16	6	0		IIISE	illon soit	Bubble Sort	- Merge S	ort Udio	K SUIL F	adix 301t	
	16	131	0	(0						•			
	8	126	0	(15		100000 -							-
	8	147	0)	0									
verage	13.3	129.6	0)	0	Time in Milliseconds	10000 -							-
50,000						Seco	1000 -							
	224	3998	15	;	15	iii	1000							
	236	4018	15	15	5 0	<u>_</u>	100 -							_
	246	4007	16	16	16	ij.								
	248	4006	16	6	0		10 -							-
	229	4003	16	6	15				•					
verage	237	4005.3	15.6	6.3	3 10		1 -	10,000	50,000	100,000	500,000	1,000,000	5,000,000	
100,000								10,000	50,000	100,000	500,000	1,000,000	3,000,000	
	916	16306	36	16	5 22					Test	Size			
	925	16330	31	15	16									
	912	16335	31	16	16									
	952	16310	31	(15									
	956	16364	31	15	16									
/erage	931	16325	31	15.3	3 16									
500,000														
	22179	407605	100	47	7 58									
	21631	407190	105	50	63									
	22192	407852	100	49	53									
	22170	407576	85	46	3 47									
	22126	407610	98	54	1 58									
verage	22158.3	407597	99.3	48.6	56.3									
1,000,000														
	-	-	194	. 94	1 100									
	-	-	185	85	101									
	-	-	185	85	5 84									
	-	-	201											
	-	-	200	100	100									
verage	-	-	193											
5,000,000														
	-	-	997	494	452									
	-	-	1023	523	3 455									
	-	-	996	48	1 449									
	-	-	966	1										
	-	-	987											
verage	-	-	993.3											

Average Runtimes	Insertion Sort	Bubble Sort	Merge Sort	Quick Sort	Radix Sort				
10,000	13.3	129.6	0	0	0				
50,000	237	4005.3	15.6	6.3	10				
100,000	931	16325	31	15.3	16				
500,000	22158.3	407597	99.3	48.6	56.3				
1,000,000			193	93	98.6				
5,000,000			993.3	495.6	454				