Array Size	Insertion Sort	Merge Sort	Quick Sort	
0	0	0	0	
50000	243	9	33	
100000	969	9	24	
150000	2237	13	51	
200000	3901	16	87	Graph of Run Timing
250000	6114	21	128	
300000	8926	25	184	Insertion Sort — Merge Sort — Quick Sort
350000	11886	29	244	25000
400000	15414	33	320	
450000	19474	38	400	20000
500000	24071	42	488	
502000				<u>2</u> 15000
				(v) 15000 E 10000
				<u>E</u> 10000
				5000
				0 100000 200000 300000 400000
				0 100000 200000 300000 400000
				Array Size
				Array Size