

	Number of QuickSort Comparisons	
Starting List	pivot = first	pivot = median of 3
Ordered, ascending		
n = 100	5148	580
n = 200	20298	1353
n = 400	80598	3098
n = 800	321198	6987
Random		
n = 100	700	627
n = 200	1752	1456
n = 400	3829	3512
n = 800	9902	8327
Observed Big O() behavior, ordered with pivot = first : $n \log n$		
Observed Big O() behavior, ordered with pivot = median of 3 : n^2		
Observed Big O() behavior, random with pivot = first : n^2		
Observed Big O() behavior, random with pivot = median of 3 : n^2		
For random list, observation regarding using first vs. median of 3 : n^2		