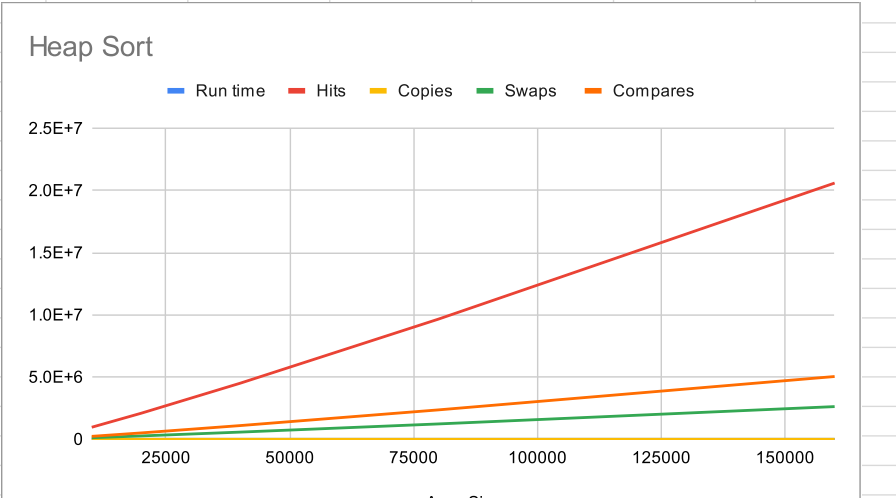
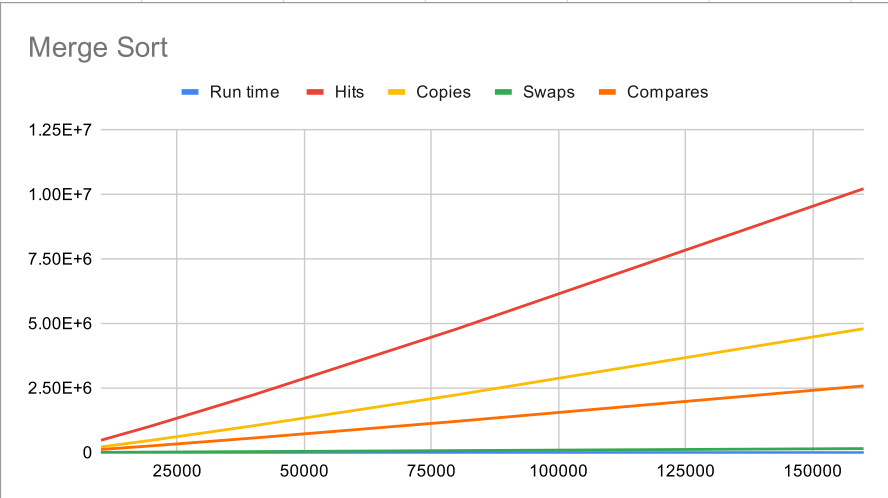


Merge Sort																			
Array Size	Run time	Hits	Copies	Swaps	Compares														
10000	2.1	478,943	220,000	9,736	121,524														
20000	2.2	1,037,834	480,000	19,458	262,973														
40000	5.1	2,236,530	1,040,000	39,133	566,097														
80000	10.9	4,792,219	2,240,000	78,055	1,212,135														
160000	23.7	10,224,385	4,800,000	156,096	2,584,017														
Heap Sort																			
Array Size	Run time	Hits	Copies	Swaps	Compares														
10000	1.7	967,466	0	124,187	235,360														
20000	3.1	2,095,557	0	268,476	510,826														
40000	6.1	4,510,571	0	576,879	1,101,528														
80000	12.9	9,660,134	0	1,233,536	2,362,994														
160000	27.9	20,600,636	0	2,627,173	5,045,973														
Dual Pivot Quick Sort																			
Array Size	Run time	Hits	Copies	Swaps	Compares														
10000	2	413,682	0	65,788	154,895														
20000	9.3	884,560	0	138,008	341,237														
40000	4.5	1,938,229	0	306,929	727,857														
80000	9.4	4,145,994	0	652,089	1,572,553														
160000	23.3	9,019,253	0	1,411,525	3,442,560														



Array Size

Array Size

Dual Pivot Quick Sort

Run time Hits Copies Swaps Compares

