Problem 9

Set Size	Random Set	
	QuickSorter Avg Time	SelectionSorter Avg Time
1000	36.46	1037.98
2000	89.28	3993.44
3000	155.58	8933.08
4000	227.96	15675.1
5000	303.22	24671
6000	425.38	35177.3
7000	504.58	48736.9
8000	634.72	63307.7
9000	748.12	81566.9
10000	913.52	101486

Random Set Comparison

── Random Set QuickSorter Avg Time ── Random Set SelectionSorter Avg Time

	1000	2000	3000	4000	5000	6000	7000	8000	9000	10000
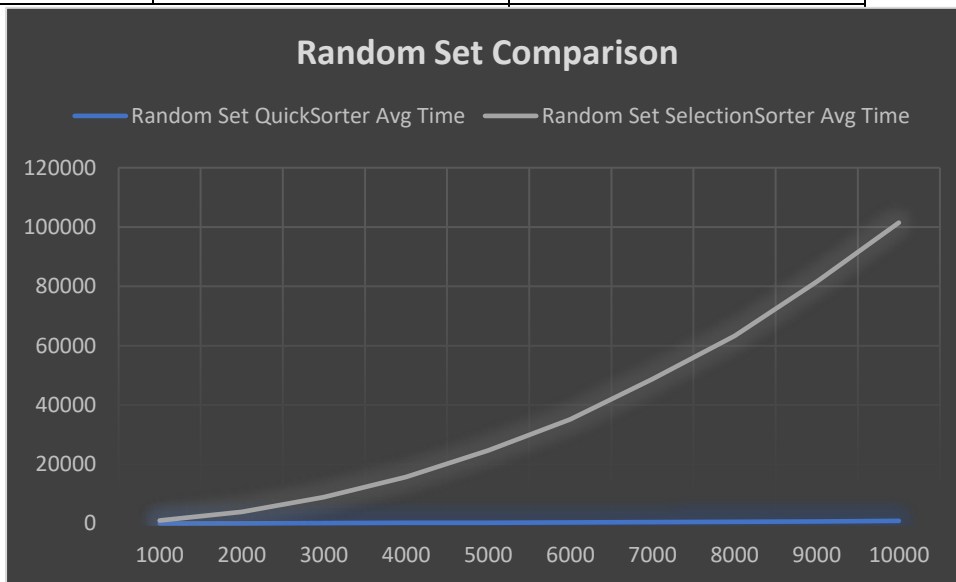
Set Size	Reversed Set	
	QuickSorter Avg Time	SelectionSorter Avg Time
1000	562.16	1037.98
2000	2223.68	3993.44
3000	5033.14	8933.08
4000	8750	15675.1
5000	13411.9	24671
6000	19318.9	35177.3
7000	26549	48736.9
8000	34962.6	63307.7
9000	44451.2	81566.9
10000	54851.1	101486

Reversed Set Comparison

Reversed Set QuickSorter Avg Time — Reversed Set SelectionSorter Avg Time