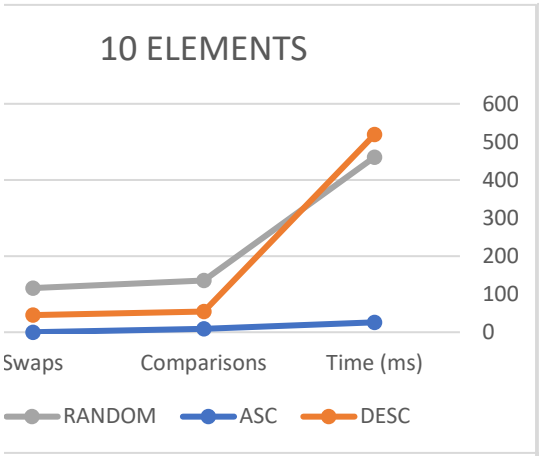
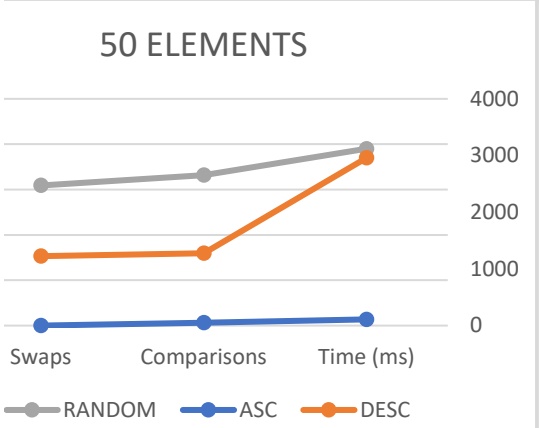
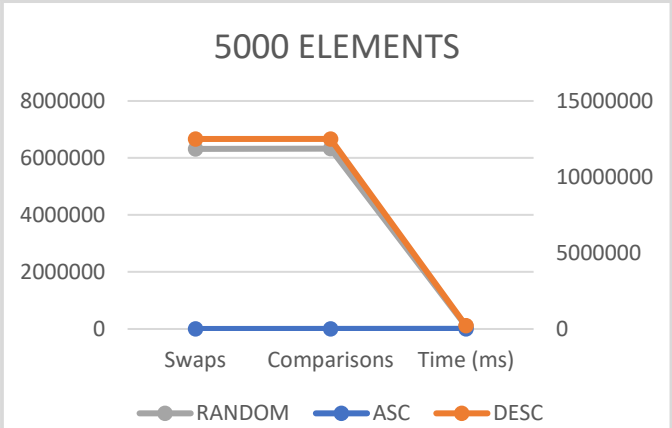
INSERTION

Elements = 10	Swaps	Comparisons	Time (ms)
ASC	0	9	26
DESC	45	45	493
RANDOM	29	34	115
Elements = 50			
ASC	0	49	109
DESC	1225	1225	2848
RANDOM	618	664	780
Elements:	500		
ASC	0	499	386
DESC	124750	124750	22790
RANDOM	63750	64241	5701
Elements = 1000			
ASC	0	999	136
DESC	499500	499500	26644
RANDOM	239053	240045	24046
Elements = 5000			
ASC	0	4999	822
DESC	12497500	12497500	220510
RANDOM	6322231	6327220	99308
Elements:	10000		
ASC	0	9999	107
DESC	49995000	49995000	780240
RANDOM	25042353	25052342	390597
Elements 100000			
ASC	0	99999	722
DESC	4999950000	4999950000	78124080
RANDOM	2494322180	2494422169	47586032


10 ELEMENTS
600
500
400
300
200
100
0
Swaps
Comparisons
Time (ms)
RANDOM
ASC
DESC

1000 ELEMENTS
300000
250000
200000
150000
100000
50000
0
600000
500000
400000
300000
200000
100000
0
Swaps
Comparisons
Time (ms)
RANDOM
ASC
DESC


50 ELEMENTS
4000
3000
2000
1000
0
Swaps
Comparisons
Time (ms)
RANDOM
ASC
DESC


5000 ELEMENTS
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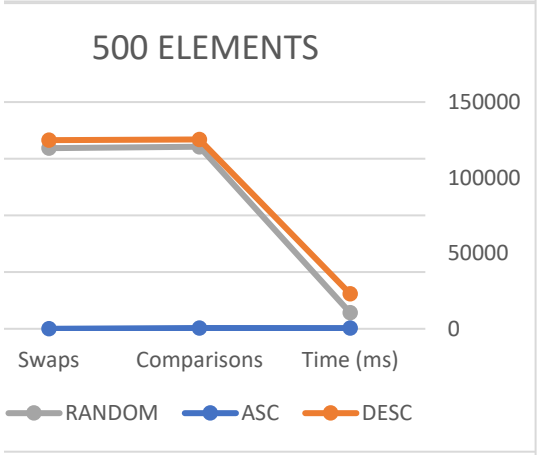
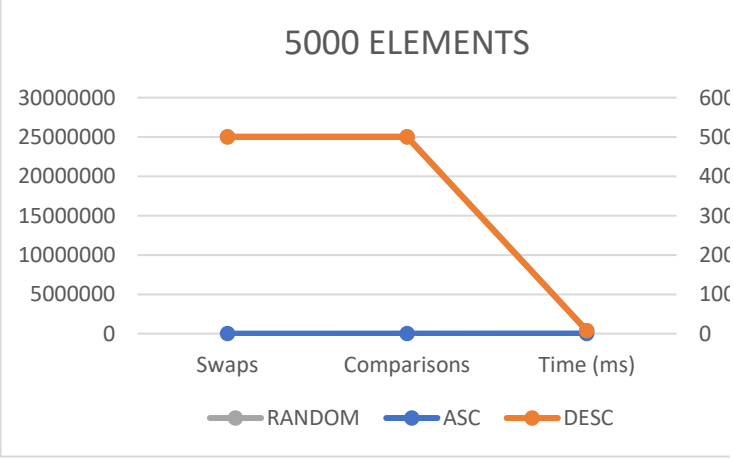
6000000
4000000
2000000
0
15000000
10000000
5000000
0
Swaps
Comparisons
Time (ms)
RANDOM
ASC
DESC


500 ELEMENTS
150000
100000
50000
0
Swaps
Comparisons
Time (ms)
RANDOM
ASC
DESC


5000 ELEMENTS
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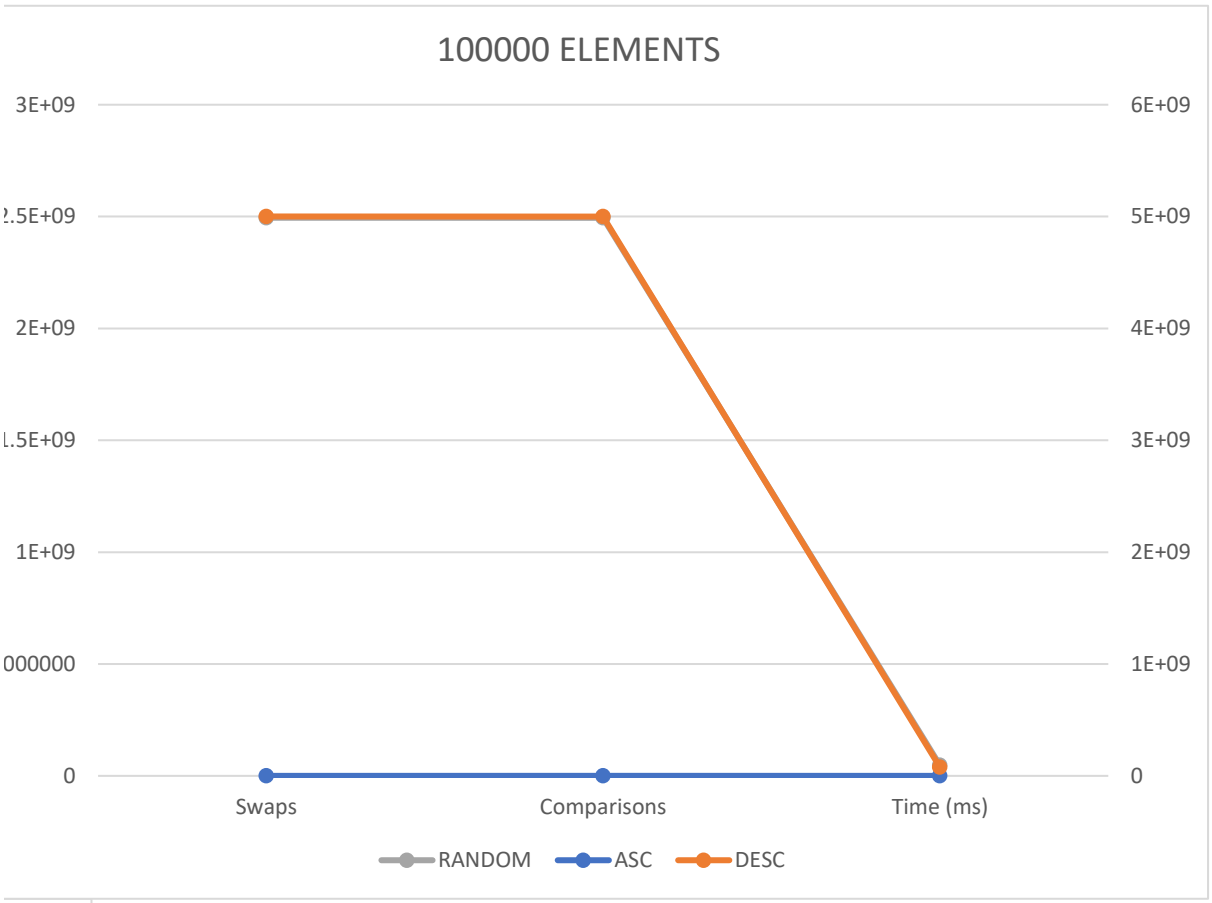
25000000
20000000
15000000
10000000
5000000
0
Swaps
Comparisons
Time (ms)
RANDOM
ASC
DESC



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