Elements	DA Memory Usage (KB)	LL Memory Usage (KB)	DA Running Time (ms)	LL Running Time (ms)
1024	168	0	0	0
2048	168	0	10	30
8192	168	0	200	540
16384	168	0	740	1470
32768	168	116	2220	5080
65536	428	1172	7530	19240
131072	556	3020	28400	73880
262144	1072	7244	114580	307980

Run Using Valgrind

Elements	DA Memory Usage (KB)	LL Memory Usage (KB)	DA Running Time (ms)	LL Running Time (ms)
1024	124	1180	20	70
2048	124	1180	100	270
8192	2172	1436	1400	2450
16384	2172	2228	5170	9710
32768	2172	4076	20610	38520
65536	2308	10540	81510	156350
131072	2356	20964	318420	653930
262144	2436	41548	1.29E+06	2.41E+06

Dynamic Array vs. Linked LIst: Memory Usage

DA Memory Usage (KB)   LL Memory Usage (KB)

Dynamic Array vs. Linked List: Memory Usage (VALGRIND)

DA Memory Usage (KB)   LL Memory Usage (KB)

Dynamic Array vs. Linked List: Running Time

Dynamic Array vs. Linked List: Running Time (VALGRIND)