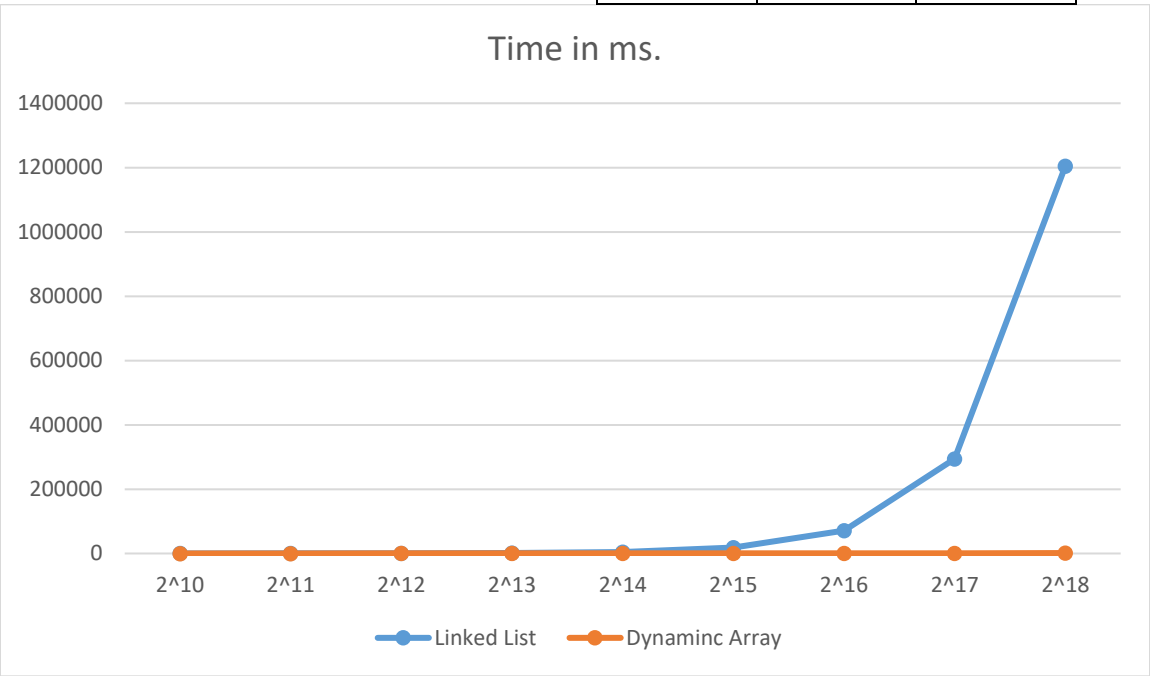
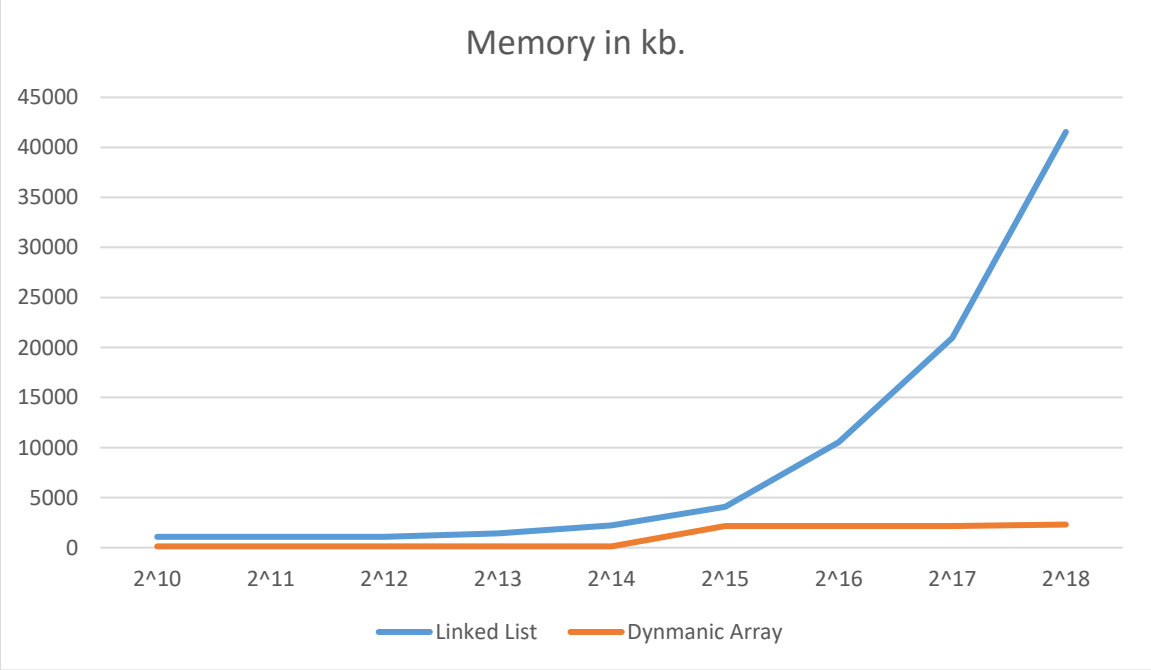
Linked List		
Elements	Time	Memory
2^10	20ms	1080kb
2^11	80ms	1080kb
2^12	290ms	1080kb
2^13	1160ms	1436kb
2^14	4550ms	2228kb
2^15	18070ms	4076kb
2^16	71330ms	10540kb
2^17	293720ms	20964kb
2^18		41548kb

Dynamic Array		
Elements	Time	Memory
2^10	10	124
2^11	10	124
2^12	30	124
2^13	50	124
2^14	90	124
2^15	160	2172
2^16	340	2172
2^17	680	2172
2^18	1380	2308





1. The linked list uses more memory because it has to store the next and previous pointer for each link in the list.
2. The array is faster because it has a direct reference to every element in the array. The linked list has to navigate through each node with the internal pointers.
3. The Linked list would be faster with a remove function because it can just change the pointer of the previous and next links whereas the array would have to change the location for all of the elements in the array.