

Partition (of N)	UnorderedArrayList InsertAllWords	UAL FindAllWords	UAL RemoveAllWords	NAME		
1	0.001794	0.259779	0.131472			
2	0.003512	1.03858	0.525897			
3	0.005043	2.30437	1.15559			
4	0.005819	4.09678	2.05537			
5	0.008726	6.40169	3.17552			
6	0.010405	9.20299	4.56175			
7	0.011983	12.478	6.19148			
8	0.013626	16.2626	8.10761			
9	0.015307	20.6373	10.3561			
10	0.016996	25.5002	12.7504			
Partition (of N)	UnorderedLinkedList InsertAllWords	ULL FindAllWords	ULL RemoveAllWords			
1	0.003084	0.246672	0.254347			
2	0.005961	1.00377	1.03885			
3	0.008865	2.23483	2.30212			
4	0.011791	3.96886	4.08645			
5	0.01462	6.15583	6.33831			
6	0.017547	8.88048	9.15111			
7	0.020465	12.0811	12.4262			
8	0.023301	15.7808	16.2435			
9	0.026362	20.0512	20.5975			
10	0.029084	24.7532	25.5394			
	class::method()	Expected Time Complexity	Graph Observed Time Complexity			
	UAL::insert()	O(1)	O(1)			
	UAL::find()	O(N)	O(N)			
	UAL::remove()	O(N)	O(N)			
	ULL::insert()	O(1)	O(1)			
	ULL::find()	O(N)	O(N)			
	ULL::remove()	O(N)	O(N)			