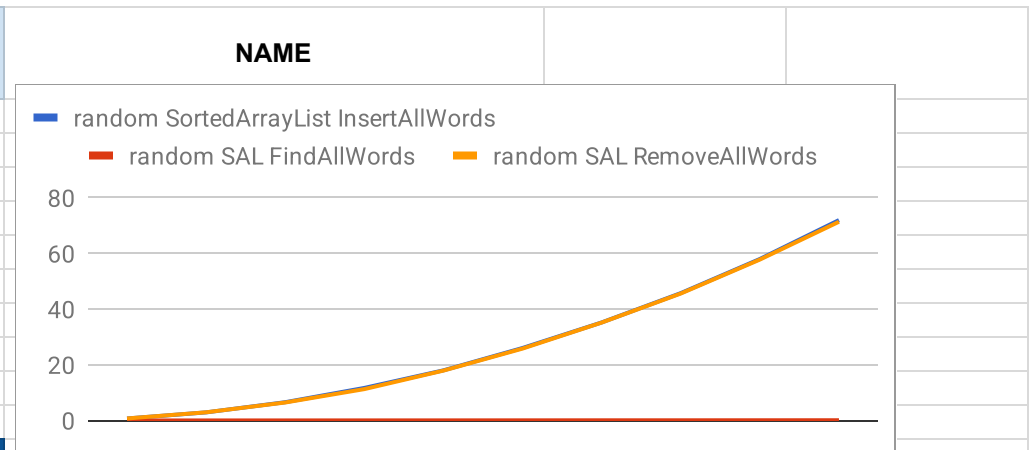
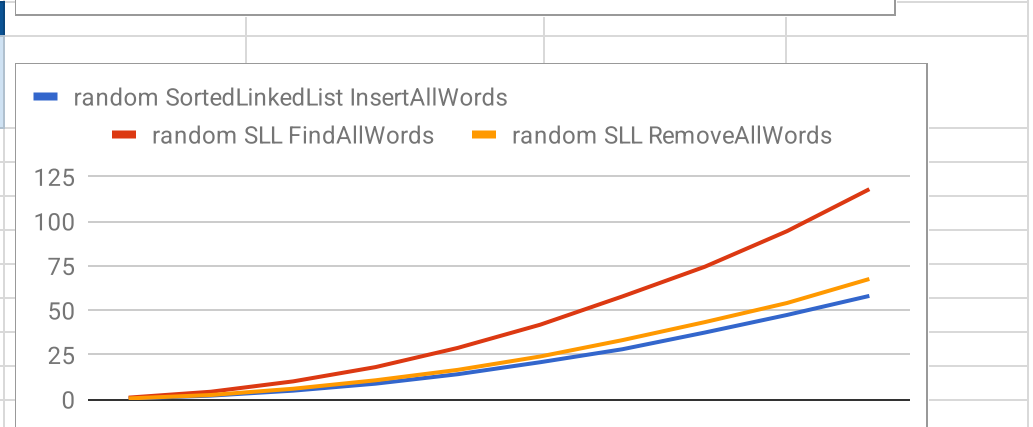


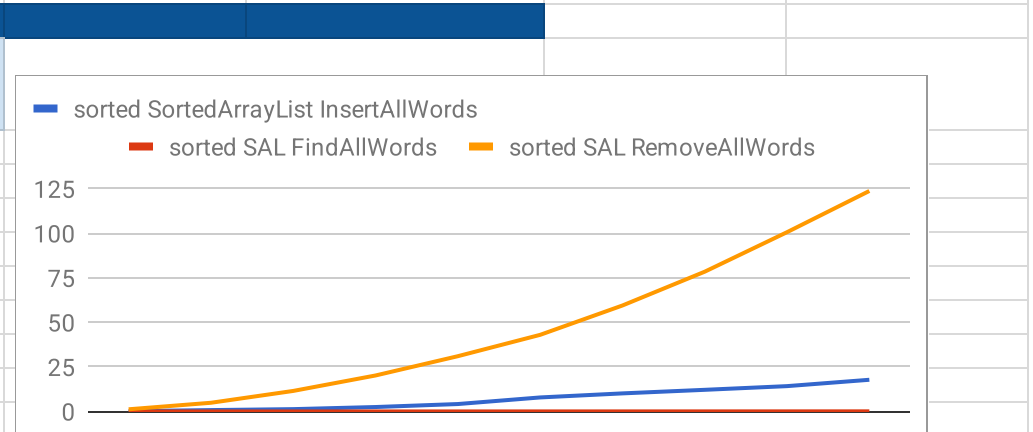
Partition (of N)	random SortedList InsertAllWords	random SAL FindAllWords	random SAL RemoveAllWords
1	0.723086	0.006912	0.729667
2	2.91445	0.01646	2.9426
3	6.5726	0.023575	6.46817
4	11.698	0.032577	11.2778
5	18.0166	0.041937	17.9299
6	26.0507	0.054739	25.8332
7	35.2201	0.06841	35.1818
8	45.7575	0.070826	45.6147
9	58.0216	0.080989	57.8134
10	71.9935	0.090989	71.4002



Partition (of N)	random SortedList InsertAllWords	random SLL FindAllWords	random SLL RemoveAllWords
1	0.524614	1.05678	0.602795
2	2.18668	4.36281	2.52262
3	4.96922	10.1814	6.04574
4	8.88463	18.1904	10.7801
5	14.2006	28.9759	16.6439
6	20.9243	41.9796	24.135
7	28.2215	57.8636	33.3312
8	37.583	74.5135	43.4292
9	47.4608	94.5064	54.1743
10	58.1528	118.065	67.6566



Partition (of N)	sorted SortedList InsertAllWords	sorted SAL FindAllWords	sorted SAL RemoveAllWords
1	0.185432	0.006566	1.24404
2	0.790669	0.014292	4.89944
3	1.32512	0.022208	11.5454
4	2.50972	0.034323	20.2213
5	4.18499	0.039633	31.048
6	7.89136	0.048394	43.0344
7	10.1657	0.056303	59.5098
8	12.1699	0.065267	78.4892
9	14.2414	0.074633	100.667



10	17.8054	0.085557	123.795				
Partition (of N)	sorted SortedLinkedList InsertAllWords	sorted SLL FindAllWords	sorted SLL RemoveAllWords				
1	0.848994	0.99386	0.14995				
2	3.33988	3.97055	0.641202				
3	7.84492	8.94945	1.0796				
4	13.8342	16.0068	2.08341				
5	21.423	24.7002	3.48406				
6	29.6167	35.6586	6.60354				
7	40.6772	48.4777	8.44153				
8	54.0192	63.3759	10.1473				
9	69.1293	79.9694	11.9345				
10	85.3698	98.7612	15.1348				
	class::method()	random Expected Time Complexity	random Graph Observed Time Complexity	sorted Expected Time Complexity	sorted Graph Observed Time Complexity		
	SAL::insertAW()	$O(N^2)$	$O(N^2)$	$O(N^2)$	$O(N^2)$		
	SAL::findAW()	$O(N \log N)$	$O(N \log N)$	$O(N \log N)$	$O(N \log N)$		
	SAL::removeAW()	$O(N^2)$	$O(N^2)$	$O(N^2)$	$O(N^2)$		
	SLL::insertAW()	$O(N^2)$	$O(N^2)$	$O(N^2)$	$O(N^2)$		
	SLL::findAW()	$O(N^2)$	$O(N^2)$	$O(N^2)$	$O(N^2)$		
	SLL::removeAW()	$O(N^2)$	$O(N^2)$	$O(N^2)$	$O(N^2)$		