Partition (of N)	ArrayStack InsertAllWords	AS RemoveAllWords
1	0.00391	0.001649
2	0.007651	0.003619
3	0.011859	0.005403
4	0.015092	0.007267
5	0.018954	0.009023
6	0.022562	0.010894
7	0.027975	0.012712
8	0.030655	0.01082
9	0.036972	0.016616
10	0.037735	0.018123

NAME

ArrayStack InsertAllWords
AS RemoveAllWords

Partition (of N)	LinkedStack InsertAllWords	LS RemoveAllWords
1	0.011616	0.003805
2	0.020321	0.007553
3	0.029669	0.011446
4	0.040834	0.015517
5	0.049799	0.01874
6	0.05981	0.019285
7	0.055524	0.027134
8	0.076104	0.030466
9	0.073709	0.033964
10	0.100215	0.03886

LinkedStack InsertAllWords
LS RemoveAllWords

Partition (of N)	ArrayQueue InsertAllWords	AQ RemoveAllWords
1	0.003866	0.001869
2	0.007699	0.003837
3	0.011364	0.005519
4	0.015296	0.007385
5	0.01904	0.009219
6	0.022921	0.011041
7	0.027651	0.013063
8	0.032711	0.016616
9	0.034386	0.016529
10	0.038188	0.01856

ArrayQueue InsertAllWords
AQ RemoveAllWords

Partition (of N)	LinkedQueue InsertAllWords	LQ RemoveAllWords
1	0.017367	0.003744
2	0.019519	0.007644
3	0.029971	0.0111
4	0.035498	0.014783
5	0.044484	0.018506
6	0.058292	0.022133
7	0.071983	0.027073
8	0.070381	0.029797
9	0.084786	0.033607
10	0.094785	0.038889

class::method()	Graph Observed Time Complexity
AS::insertAW()	O(N)
AS::removeAW()	O(N)
LS::insertAW()	O(N)
LS::removeAW()	O(N)
AQ::insertAW()	O(N)
AQ::removeAW()	O(N)
LQ::insertAW()	O(N)
LQ::removeAW()	O(N)