

Sorting random 5 letter strings using STL vector

# of strings	Load time(sec)	Operation time(sec)	Output time(sec)
300000	0.043031	0.477956	0.874251
500000	0.084193	0.802368	1.44265
1000000	0.173214	1.70051	2.92592
3000000	0.458422	5.47119	8.42734

Removing Duplicates Same Order random 5 letter strings using STL vector

# of strings	Load time(sec)	Operation time(sec)	Output time(sec)
5000	0.001237	0.458376	0.016863
10000	0.00227	1.81141	0.029317
12000	0.003103	2.8066	0.063288
17000	0.002752	5.26131	0.060383

Removing Duplicates Any Order random 5 letter strings using STL vector

# of strings	Load time(sec)	Operation time(sec)	Output time(sec)
500000	0.077824	0.891019	1.5327
1000000	0.150741	1.78102	2.86076
2000000	0.308669	3.85699	5.39532
2700000	0.405099	5.22049	7.17431

Finding Mode random 5 letter strings using STL vector

# of strings	Load time(sec)	Operation time(sec)	Output time(sec)
100000	0.015215	0.14739	0.001786
500000	0.083621	0.841621	0.007761
1000000	0.172935	1.74276	0.016599
2750000	0.422534	5.18837	0.053426

Sorting random 5 letter strings using STL Linked List

# of strings	Load time(sec)	Operation time(sec)	Output time(sec)
100000	0.014572	0.208935	0.294174
500000	0.093827	1.3045	1.49726
1000000	0.170335	2.8218	3.21022
1750000	0.270606	5.08231	5.20432

Removing Duplicates Same Order random 5 letter strings using STL Linked List

# of strings	Load time(sec)	Operation time(sec)	Output time(sec)
3000	0.000711	0.556421	0.008313
5000	0.000846	1.50801	0.014449
7000	0.001213	2.98458	0.022197
9000	0.001479	4.82998	0.029855

Removing Duplicates Any Order random 5 letter strings using STL Linked List

# of strings	Load time(sec)	Operation time(sec)	Output time(sec)
100000	0.024703	0.229329	0.30472
500000	0.079161	1.30613	1.42731
1000000	0.150539	2.99786	2.88333
1600000	0.274154	4.90463	4.47727

Finding Mode random 5 letter strings using STL Linked List

# of strings	Load time(sec)	Operation time(sec)	Output time(sec)
100000	0.018151	0.218077	0.00108
500000	0.084515	1.359	0.007836
1000000	0.170973	2.94749	0.014552
1800000	0.282524	5.26225	0.029072

Sorting random 5 letter strings using BST STL map

# of strings	Load time(sec)	Operation time(sec)	Output time(sec)
10000	0.001743	0.020916	0.034759
100000	0.01416	0.318268	0.305034
1000000	0.157855	3.80916	2.88653
1300000	0.219135	4.98375	3.74948

Removing Duplicates Same Order random 5 letter strings using BST STL map

# of strings	Load time(sec)	Operation time(sec)	Output time(sec)
50000	0.007881	0.197364	0.162053
100000	0.015731	0.467473	0.307944
500000	0.084853	2.87726	1.4685
900000	0.138889	5.05921	2.57461

Removing Duplicates Any Order random 5 letter strings using BST STL map

# of strings	Load time(sec)	Operation time(sec)	Output time(sec)
100000	0.01678	0.305868	0.296698
500000	0.075794	1.85335	1.46462
1000000	0.164731	3.92042	2.78665
1400000	0.218508	5.43537	3.7569

Finding Mode random 5 letter strings using BST STL map

# of strings	Load time(sec)	Operation time(sec)	Output time(sec)
100000	0.015326	0.292163	0.001018
500000	0.100079	1.758	0.007693
1000000	0.202241	4.11628	0.017296
1400000	0.206474	5.33613	0.02374

Sorting random 5 letter strings using priority queue

# of strings	Load time(sec)	Operation time(sec)	Output time(sec)
100000	0.01607	0.375142	0.308727
500000	0.07668	1.92802	1.48002
1000000	0.168404	4.06854	2.8931
1210000	0.189712	4.9836	3.45256

Removing Duplicates Any Order random 5 letter strings using priority queue

# of strings	Load time(sec)	Operation time(sec)	Output time(sec)
100000	0.014133	0.315696	0.34037
500000	0.07488	1.83826	1.43456
900000	0.148527	3.57439	2.54276
1300000	0.193533	5.25384	3.55469

Finding Mode random 5 letter strings using STL priority queue

# of strings	Load time(sec)	Operation time(sec)	Output time(sec)
100000	0.015621	0.344225	0.001033
500000	0.078364	1.89889	0.009062
1000000	0.153593	4.03861	0.014246
1300000	0.211428	5.29342	0.020845

Removing Duplicates Same Order random 5 letter strings using hash table

# of strings	Load time(sec)	Operation time(sec)	Output time(sec)
500000	0.083958	0.797974	1.46931
850000	0.133788	1.30646	0.133788
1500000	0.251721	2.34913	4.32239
3700000	0.569323	5.39793	9.09927

Removing Duplicates Any Order random 5 letter strings using hash table

# of strings	Load time(sec)	Operation time(sec)	Output time(sec)
100000	0.016128	0.121691	0.303785
500000	0.113058	0.60471	1.58645
1000000	0.155642	1.16495	2.81928
5000000	0.784959	5.34365	11.8141

Finding Mode random 5 letter strings using hash table

# of strings	Load time(sec)	Operation time(sec)	Output time(sec)
500000	0.080005	0.568982	0.007346
1000000	0.158221	1.14223	0.015576
2000000	0.34333	2.28288	0.029654
5000000	0.778288	5.11636	0.08151