

Sorting random 5 letter strings using STL vector

# of strings	Load time (sec)	Operation time (sec)	Output time (sec)
50000	0.015625	0.03125	0.20312
100000	0.015625	0.0625	0.40625
500000	0.0625	0.3125	2.09375
1000000	0.140625	0.625	4.10938

Remove_dups_any_order random 5 letter strings using STL vector

# of strings	Load time (sec)	Operation time (sec)	Output time (sec)
10000	0	0	0.04699
100000	0.015625	0.0625	0.40625
1000000	0.125	0.6719	3.92188
1500000	0.1875	1.0625	5.84375

Remove_dups_same_order random 5 letter strings using STL vector

# of strings	Load time (sec)	Operation time (sec)	Output time (sec)
10000	0	0.84375	0.03125
15000	0	1.84375	0.0625
20000	0	3.32812	0.078125
25000	0	5.23438	01.09375

Mode random 5 letter strings using STL vector

# of strings	Load time (sec)	Operation time (sec)	Output time (sec)
10000	0	0.015625	0
100000	0.01562	0.0625	0
1000000	0.125	0.671875	0.015625
5000000	0.625	3.98438	0.0625

Sorting random 5 letter strings using STL list

# of strings	Load time (sec)	Operation time (sec)	Output time (sec)
10000	0	0.01565	0.03125
100000	0.015625	0.078125	0.421875
500000	0.078125	0.53125	2.29688
1000000	0.125	1.20312	4.53125

Remove_dups_any_order random 5 letter strings using STL list

# of strings	Load time (sec)	Operation time (sec)	Output time (sec)
10000	0	0.015625	0.046875
100000	0.015625	0.078125	0.421875
500000	0.0625	0.515625	2.23438
1000000	0.125	1.15625	4.3125

Remove_dups_same_order random 5 letter strings using STL list

# of strings	Load time (sec)	Operation time (sec)	Output time (sec)
1000	0	0.046875	0
5000	0.015625	1.39062	0.046875
8000	0	3.42188	0.0625
10000	0	6	0.078125

Mode random 5 letter strings using STL list

# of strings	Load time (sec)	Operation time (sec)	Output time (sec)
10000	0.015625	0	0
100000	0.015625	0.078125	0.015625
1000000	0.125	1.26562	0.1875
3000000	0.375	4.23438	0.625

Sorting random 5 letter strings using BST

# of strings	Load time (sec)	Operation time (sec)	Output time (sec)
10000	0	0.015625	0.046875
100000	0.015625	0.171875	0.421875
500000	0.078125	1.10938	2.125
1000000	0.125	2.45312	4.34375

Remove_dups_any_order random 5 letter strings using BST

# of strings	Load time (sec)	Operation time (sec)	Output time (sec)
10000	0	0.015625	0.046875
100000	0.015625	0.171875	0.4375
500000	0.0625	1.15625	2.20312
1000000	0.125	2.45312	4.26562

Remove_dups_same_order random 5 letter strings using BST

# of strings	Load time (sec)	Operation time (sec)	Output time (sec)
10000	0	0.03125	0.046875
100000	0.015625	0.34375	0.453125
300000	0.03125	1.28125	1.35938
500000	0.0625	2.25	2.23438

Mode random 5 letter strings using BST

# of strings	Load time (sec)	Operation time (sec)	Output time (sec)
10000	0	0.015625	0
100000	0.015625	0.203125	0
1000000	0.140625	2.6875	0.1875
2000000	0.265625	5.53125	0.390625

Sorting random 5 letter strings using STL priority_queue

# of strings	Load time (sec)	Operation time (sec)	Output time (sec)
10000	0	0.015625	0.046875
100000	0.015625	0.125	0.4375
500000	0.0265	0.75	2.25
800000	0.125	1.34375	3.60938

Remove_dups_any_order random 5 letter strings using STL priority_queue

# of strings	Load time (sec)	Operation time (sec)	Output time (sec)
10000	0	0.015625	0.03125
100000	0.015625	0.140625	0.4375
500000	0.078125	0.796875	2.26562
1000000	0.140625	1.76562	4.45312

Remove_dups_any_order random 5 letter strings using STL priority_queue

# of strings	Load time (sec)	Operation time (sec)	Output time (sec)
Impossible	Impossible	Impossible	Impossible
Impossible	Impossible	Impossible	Impossible
Impossible	Impossible	Impossible	Impossible
Impossible	Impossible	Impossible	Impossible

Mode random 5 letter strings using STL priority_queue

# of strings	Load time (sec)	Operation time (sec)	Output time (sec)
10000	0	0	0
100000	0.015625	0.109375	0.015625
1000000	0.140625	1.71875	0.015625
2500000	0.359375	5.17188	0.03125

Sorting random 5 letter strings using STL hash_table

# of strings	Load time (sec)	Operation time (sec)	Output time (sec)
Impossible	Impossible	Impossible	Impossible
Impossible	Impossible	Impossible	Impossible
Impossible	Impossible	Impossible	Impossible
Impossible	Impossible	Impossible	Impossible

Remove_dups_any_order random 5 letter strings using STL hash_table

# of strings	Load time (sec)	Operation time (sec)	Output time (sec)
10000	0	0.015625	0.046875
100000	0.015625	0.0625	0.4375
500000	0.0625	0.34375	2.3125
1000000	0.125	0.734375	4.48438

Remove_dups_same_order random 5 letter strings using STL hash_table

# of strings	Load time (sec)	Operation time (sec)	Output time (sec)
1000	0	0.046875	0.015625
5000	0	1.48438	0.046875
8000	0.015625	3.8125	0.078125
10000	0	5.67188	0.078125

Mode random 5 letter strings using STL hash_table

# of strings	Load time (sec)	Operation time (sec)	Output time (sec)
10000	0.015625	0	0
100000	0.015625	0.046875	0.015625
1000000	0.125	0.703125	0.0625
7000000	0.9375	4.75	0.40625