Library keyspace

```
Your Interactive Bash Terminal.
$ cqlsh
Connected to Test Cluster at 127.0.0.1:9042.
[cqlsh 5.0.1 | Cassandra 4.0-beta2 | CQL spec 3.4.5 | Native protocol v4]
Use HELP for help.
cqlsh>
cqlsh>
cqlsh> CREATE KEYSPACE demo WITH replication = {'class': 'SimpleStrategy', 'replication_factor': 1};
cqlsh> CREATE KEYSPACE library  WITH replication = {'class': 'SimpleStrategy', 'replication_factor': 1};
```

Creating table:

```
cqlsh:library> create table lib_info1(std_id int, book_name text, std_name text, book_id int, primary key(std_id, book_id, book_name,std_name));
cqlsh:library> begin batch
           ... insert into lib_info1(std_id, book_id, book_name, std_name) values (407, 001, 'BDa','Soundarya')
           ... insert into lib_info1(std_id, book_id, book_name, std_name) values (408, 002, 'BDa','lakshmi')
           ... insert into lib_info1(std_id, book_id, book_name, std_name) values (409, 003, 'BDa','kylie')
           ... insert into lib_info1(std_id, book_id, book_name, std_name) values (410, 004, 'ML','kendall')
           ... apply batch;
cqlsh:library> alter table lib_info1 add counter_value counter;
cqlsh:library> describe lib_info1;
```

Update counter:

```
cqlsh:library> update lib_info1 set counter_value=counter_value+1 where std_id=407 and book_id=001 and book_name= 'BDa' and std_name='Soundarya';
cqlsh:library> update lib_info1 set counter_value=counter_value+1 where std_id=408 and book_id=002 and book_name= 'BDa' and std_name='lakshmi';
cqlsh:library> update lib_info1 set counter_value=counter_value+1 where std_id=409 and book_id=003 and book_name= 'BDa' and std_name='kylie';
cqlsh:library> select * from lib_info1;
```

std_id	book_id	book_name	std_name	counter_value
409	3	BDa	kylie	1
410	4	ML	kendall	null
408	2	BDa	lakshmi	1
407	1	BDa	Soundarya	1

```
(4 rows)
cqlsh:library> update lib_info1 set counter_value=counter_value+1 where std_id=410 and book_id=004 and book_name= 'ML' and std_name='kendall';
cqlsh:library> select * from lib_info1;
```

std_id	book_id	book_name	std_name	counter_value
409	3	BDa	kylie	1
410	4	ML	kendall	1
408	2	BDa	lakshmi	1
407	1	BDa	Soundarya	1

```
cqlsh:library> update lib_info1 set counter_value=counter_value+1 where std_id=407 and book_id=001 and book_name= 'BDa' and std_name='Soundarya';
cqlsh:library> select * from lib_info1;
```

std_id	book_id	book_name	std_name	counter_value
409	3	BDa	kylie	1
410	4	ML	kendall	1
408	2	BDa	lakshmi	1
407	1	BDa	Soundarya	2

Export to csv:

```
cqlsh:library> copy lib_info1(std_id, std_name, book_name, book_id, counter_value) to 'C:\Users\Soundarya Lakshmi\Downloads\Soundarya-sheet1.csv';
Using 1 child processes

Starting copy of library.lib_info1 with columns [std_id, std_name, book_name, book_id, counter_value].
cqlshlib.copyutil.ExportProcess.write_rows_to_csv(): writing row
cqlshlib.copyutil.ExportProcess.write_rows_to_csv(): writing row
cqlshlib.copyutil.ExportProcess.write_rows_to_csv(): writing row
cqlshlib.copyutil.ExportProcess.write_rows_to_csv(): writing row
Processed: 4 rows; Rate:      4 rows/s; Avg. rate:      7 rows/s
4 rows exported to 1 files in 0.554 seconds.
cqlsh:library>
```

copy to stdout:

```
cqlsh:library> copy lib_info1(std_id, std_name, book_name, book_id, counter_value) to stdout;
cqlshlib.copyutil.ExportProcess.write_rows_to_csv(): writing row
410,kendall,ML,4,1
cqlshlib.copyutil.ExportProcess.write_rows_to_csv(): writing row
407,Soundarya,BDa,1,2
cqlshlib.copyutil.ExportProcess.write_rows_to_csv(): writing row
409,kylie,BDa,3,1
cqlshlib.copyutil.ExportProcess.write_rows_to_csv(): writing row
408,lakshmi,BDa,2,1
cqlsh:library>
```

TO SHOW id with 407 has taken book twice:

```
cqlsh:library> select std_id, counter_value from lib_info1 where std_id = 407;

 std_id | counter_value
--------+---------------
    407 |             2
```

import from a csv file:

```
4 rows exported to 1 files in 0.444 seconds.
cqlsh:library> copy import_lib_info1(std_id, std_name, book_name, book_id) from 'C:\Users\Soundarya Lakshmi\Downloads\Soundarya-sheet1.csv';
Using 1 child processes

Starting copy of library.import_lib_info1 with columns [std_id, std_name, book_name, book_id].
Processed: 4 rows; Rate:      7 rows/s; Avg. rate:      10 rows/s
4 rows imported from 1 files in 0.386 seconds (0 skipped).
cqlsh:library>
```