```
cqlsh> create keyspace libraries with replication={'class':'SimpleStrategy',
   ... 'replication_factor':1};
uscqlsh> use libraries;
cqlsh:libraries> create table library_info(
             ... stud_id int,
             ... counter_value counter,
             ... stud_name text,book_name text,book_id int,doi text,
             ... primary key(stud_id,stud_name,book_name,book_id,doi));
```

```
cqlsh:libraries> update library_info
            ... set counter_value=counter_value+1
            ... where stud_id=1 and stud_name='sai' and book_name='BDA' and
            ... book_id=100 and doi='12/5/2020';
cqlsh:libraries> update library_info
            ... set counter_value=counter_value+1
            ... where stud_id=2 and stud_name='sam' and book_name='BDA' and
            ... book_id=100 and doi='11/7/2020';
cqlsh:libraries> update library_info
            ... set counter_value=counter_value+1
            ... where stud_id=3 and stud_name='Ram' and book_name='DSR' and
            ... book_id=101 and doi='1/4/2020';
cqlsh:libraries> update library_info
            ... set counter_value=counter_value+1
            ... where stud_id=4 and stud_name='Ravi' and book_name='BDA' and
            ... book_id=100 and doi='15/4/2020';
cqlsh:libraries> describe library_info;
```

```
cqlsh:libraries> describe library_info;

CREATE TABLE libraries.library_info (
    stud_id int,
    stud_name text,
    book_name text,
    book_id int,
    doi text,
    counter_value counter,
    PRIMARY KEY (stud_id, stud_name, book_name, book_id, doi)
) WITH CLUSTERING ORDER BY (stud_name ASC, book_name ASC, book_id ASC, doi ASC)
    AND bloom_filter_fp_chance = 0.01
    AND caching = {'keys': 'ALL', 'rows_per_partition': 'NONE'}
    AND comment = ''
    AND compaction = {'class': 'org.apache.cassandra.db.compaction.SizeTieredCompaction
Strategy', 'max_threshold': '32', 'min_threshold': '4'}
    AND compression = {'chunk_length_in_kb': '64', 'class': 'org.apache.cassandra.io.co
mpress.LZ4Compressor'}
    AND crc_check_chance = 1.0
    AND dclocal_read_repair_chance = 0.1
    AND default_time_to_live = 0
    AND gc_grace_seconds = 864000
    AND max_index_interval = 2048
    AND memtable_flush_period_in_ms = 0
    AND min_index_interval = 128
    AND read_repair_chance = 0.0
    AND speculative_retry = '99PERCENTILE';
```

```
cqlsh:libraries> update library_info
             ... set counter_value=counter_value+1
             ... where stud_id=4 and stud_name='Ravi' and book_name='BDA' and
             ... book_id=100 and doi='15/4/2020';
cqlsh:libraries> select * from library_info where counter_value=2  ALLOW FILTERING
             ... ;

 stud_id | stud_name | book_name | book_id | doi        | counter_value
---------+-----------+-----------+---------+------------+---------------
       4 |      Ravi |       BDA |     100 | 15/4/2020 |             2

(1 rows)
```

```
cqlsh:libraries> copy library_info(
             ... stud_id,stud_name,book_name,book_id,
             ... doi,counter_value)
             ... to 'linfo.csv';
Using 2 child processes

Starting copy of libraries.library_info with columns [stud_id, stud_name, book_name, bo
ok_id, doi, counter_value].
Processed: 4 rows; Rate:      17 rows/s; Avg. rate:      17 rows/s
4 rows exported to 1 files in 0.242 seconds.
```

```
cqlsh:libraries> truncate library_info;
cqlsh:libraries> select * from library_info;

 stud_id | stud_name | book_name | book_id | doi | counter_value
---------+-----------+-----------+---------+-----+---------------

(0 rows)
cqlsh:libraries> copy library_info( stud_id,stud_name,book_name,book_id, doi,counter_va
lue)  from  'linfo.csv';
Using 2 child processes

Starting copy of libraries.library_info with columns [stud_id, stud_name, book_name, bo
ok_id, doi, counter_value].
Processed: 4 rows; Rate:       7 rows/s; Avg. rate:      10 rows/s
4 rows imported from 1 files in 0.408 seconds (0 skipped).
cqlsh:libraries> select * from library_info;

 stud_id | stud_name | book_name | book_id | doi       | counter_value
---------+-----------+-----------+---------+-----------+---------------
       1 |       sai |       BDA |     100 | 12/5/2020 |             1
       2 |       sam |       BDA |     100 | 11/7/2020 |             1
       4 |      Ravi |       BDA |     100 | 15/4/2020 |             2
       3 |       Ram |       DSR |     101 |  1/4/2020 |             1

(4 rows)
```