```
cqlsh> create keyspace library with replication =
{'class':'SimpleStrategy','replication_factor':1};
cqlsh> describe keyspaces;

employee  system        system_distributed  system_traces  system_virtual_schema
library   system_auth  system_schema        system_views

cqlsh> use library;
cqlsh:library> create table library_info(stud_id int,counter_value
counter,stud_name text,book_name text,book_id int,dateofissue timestamp,primary
key(stud_id,stud_name,book_name,book_id,dateofissue));
cqlsh:library> describe library_info;

CREATE TABLE library.library_info (
    stud_id int,
    stud_name text,
    book_name text,
    book_id int,
    dateofissue timestamp,
    counter_value counter,
    PRIMARY KEY (stud_id, stud_name, book_name, book_id, dateofissue)
) WITH CLUSTERING ORDER BY (stud_name ASC, book_name ASC, book_id ASC,
dateofissue ASC)
    AND additional_write_policy = '99p'
    AND bloom_filter_fp_chance = 0.01
    AND caching = {'keys': 'ALL', 'rows_per_partition': 'NONE'}
    AND cdc = false
    AND comment = ''
    AND compaction = {'class':
'org.apache.cassandra.db.compaction.SizeTieredCompactionStrategy',
'max_threshold': '32', 'min_threshold': '4'}
    AND compression = {'chunk_length_in_kb': '16', 'class':
'org.apache.cassandra.io.compress.LZ4Compressor'}
    AND crc_check_chance = 1.0
    AND default_time_to_live = 0
    AND extensions = {}
    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 = 'BLOCKING'
cqlsh:library> update library_info set counter_value=counter_value+1 where
stud_id=1 and stud_name='Venkatesha' and book_name='BDA' and book_id = 111 and
dateofissue ='2020-04-02';
cqlsh:library> update library_info set counter_value=counter_value+1 where
stud_id=2 and stud_name='Akshay' and book_name='BDA' and book_id = 112 and
dateofissue ='2020-05-03';
cqlsh:library> update library_info set counter_value=counter_value+1 where
stud_id=3 and stud_name='Asha' and book_name='OOMD' and book_id = 131 and
dateofissue ='2019-05-03';
cqlsh:library> select * from library_info;

 stud_id | stud_name  | book_name | book_id | dateofissue                    |
counter_value
---------+------------+-----------+---------+--------------------------------
+--------------
       1 | Venkatesha |       BDA |     111 | 2020-04-01 18:30:00.000000+0000 |
1
       2 |     Akshay |       BDA |     112 | 2020-05-02 18:30:00.000000+0000 |
1
       3 |       Asha |      OOMD |     131 | 2019-05-02 18:30:00.000000+0000 |
1

(3 rows)
```

```
cqlsh:library>  update library_info set counter_value=counter_value+1 where
stud_id=1 and stud_name='venkatesha' and book_name='OOMD' and book_id = 131 and
dateofissue ='2019-05-03';
cqlsh:library> select * from library_info;

 stud_id | stud_name  | book_name | book_id | dateofissue                   |
counter_value
---------+------------+-----------+---------+-------------------------------
+---------------
       1 | Venkatesha |       BDA |     111 | 2020-04-01 18:30:00.000000+0000 |
1
       1 | venkatesha |      OOMD |     131 | 2019-05-02 18:30:00.000000+0000 |
1
       2 |     Akshay |       BDA |     112 | 2020-05-02 18:30:00.000000+0000 |
1
       3 |       Asha |      OOMD |     131 | 2019-05-02 18:30:00.000000+0000 |
1

(4 rows)
cqlsh:library>  update library_info set counter_value=counter_value+1 where
stud_id=1 and stud_name='venkatesha' and book_name='OOMD' and book_id = 131 and
dateofissue ='2019-05-03';
cqlsh:library> select * from library_info;

 stud_id | stud_name  | book_name | book_id | dateofissue                   |
counter_value
---------+------------+-----------+---------+-------------------------------
+---------------
       1 | Venkatesha |       BDA |     111 | 2020-04-01 18:30:00.000000+0000 |
1
       1 | venkatesha |      OOMD |     131 | 2019-05-02 18:30:00.000000+0000 |
2
       2 |     Akshay |       BDA |     112 | 2020-05-02 18:30:00.000000+0000 |
1
       3 |       Asha |      OOMD |     131 | 2019-05-02 18:30:00.000000+0000 |
1

(4 rows)
cqlsh:library> copy
library_info(stud_id,stud_name,book_name,book_id,dateofissue,counter_value) to
'/home/venkatesha/Desktop/libraryinfo.csv';
Using 7 child processes

Starting copy of library.library_info with columns [stud_id, stud_name,
book_name, book_id, dateofissue, 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:      17 rows/s; Avg. rate:      17 rows/s
4 rows exported to 1 files in 0.247 seconds.
cqlsh:library> create table library_info_import(stud_id int,counter_value
counter,stud_name text,book_name text,book_id int,dateofissue timestamp,primary
key(stud_id,stud_name,book_name,book_id,dateofissue));
OperationTimedOut: errors={'127.0.0.1:9042': 'Client request timeout. See
Session.execute[_async](timeout)'}, last_host=127.0.0.1:9042
cqlsh:library> create table library_info_import(stud_id int,counter_value
counter,stud_name text,book_name text,book_id int,dateofissue timestamp,primary
key(stud_id,stud_name,book_name,book_id,dateofissue));
AlreadyExists: Table 'library.library_info_import' already exists
cqlsh:library> describe library_info_import;

CREATE TABLE library.library_info_import (
    stud_id int,
```

```
        stud_name text,
        book_name text,
        book_id int,
        dateofissue timestamp,
        counter_value counter,
        PRIMARY KEY (stud_id, stud_name, book_name, book_id, dateofissue)
) WITH CLUSTERING ORDER BY (stud_name ASC, book_name ASC, book_id ASC,
dateofissue ASC)
        AND additional_write_policy = '99p'
        AND bloom_filter_fp_chance = 0.01
        AND caching = {'keys': 'ALL', 'rows_per_partition': 'NONE'}
        AND cdc = false
        AND comment = ''
        AND compaction = {'class':
'org.apache.cassandra.db.compaction.SizeTieredCompactionStrategy',
'max_threshold': '32', 'min_threshold': '4'}
        AND compression = {'chunk_length_in_kb': '16', 'class':
'org.apache.cassandra.io.compress.LZ4Compressor'}
        AND crc_check_chance = 1.0
        AND default_time_to_live = 0
        AND extensions = {}
        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 = 'BLOCKING'
        AND speculative_retry = '99p';
cqlsh:library>  copy
library_info_import(stud_id,stud_name,book_name,book_id,dateofissue,counter_valu
e) from '/home/venkatesha/Desktop/libraryinfo.csv';
Using 7 child processes

Starting copy of library.library_info_import with columns [stud_id, stud_name,
book_name, book_id, dateofissue, counter_value].
Processed: 4 rows; Rate:        6 rows/s; Avg. rate:        9 rows/s
4 rows imported from 1 files in 0.442 seconds (0 skipped).
cqlsh:library> select * from library_info_import;

 stud_id | stud_name  | book_name | book_id | dateofissue                     |
counter_value
---------+------------+-----------+---------+---------------------------------
+---------------
       1 | Venkatesha |       BDA |     111 | 2020-04-01 18:30:00.000000+0000 |
1
       1 | venkatesha |      OOMD |     131 | 2019-05-02 18:30:00.000000+0000 |
2
       2 |     Akshay |       BDA |     112 | 2020-05-02 18:30:00.000000+0000 |
1
       3 |       Asha |      OOMD |     131 | 2019-05-02 18:30:00.000000+0000 |
1

(4 rows)
```