

```
cqlsh> CREATE KEYSPACE Library WITH REPLICATION={'class':'SimpleStrategy','replication_factor':1};
cqlsh> describe keyspaces;

system_schema  system      system_distributed  system_traces
system_auth    library    employee

cqlsh> use library;
cqlsh:library> CREATE TABLE Library_Info (student_id int, student_Name text,book_name text,book_id int,Date_of_issue timestamp,primary key(student_id));
cqlsh:library> show tables;
Improper show command.
cqlsh:library> describe tables;

library_info

```

```
cqlsh:library> alter table Library_Info add counter_value int;
cqlsh:library> BEGIN BATCH
... INSERT INTO Library_Info(student_id, student_Name, book_name, book_id, Date_of_issue,counter_value) VALUE
S (120,'shreya','BDA',1000,'2021-04-01',0)
... INSERT INTO Library_Info(student_id, student_Name, book_name, book_id, Date_of_issue,counter_value) VALUE
S (121,'dakshina','OOMB',1010,'2021-04-01',0)
... INSERT INTO Library_Info(student_id, student_Name, book_name, book_id, Date_of_issue,counter_value) VALUE
S (122,'bharath','BDA',1000,'2021-04-01',0)
... INSERT INTO Library_Info(student_id, student_Name, book_name, book_id, Date_of_issue,counter_value) VALUE
S (123,'kiran','ML',1020,'2021-04-01',0)
... apply batch;
cqlsh:library> select * from Library_Info;

```

student_id	book_id	book_name	counter_value	date_of_issue	student_name
120	1000	BDA	0	2021-03-31 18:30:00.000000+0000	shreya
123	1020	ML	0	2021-03-31 18:30:00.000000+0000	kiran
122	1000	BDA	0	2021-03-31 18:30:00.000000+0000	bharath
121	1010	OOMB	0	2021-03-31 18:30:00.000000+0000	dakshina

```
(4 rows)
cqlsh:library> update Library_Info set counter_value=counter_value+1 where student_id=123;

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cqlsh:library> update Library_Info set counter_value=2 where student_id=123;
cqlsh:library> update Library_Info set counter_value=1 where student_id=120;
cqlsh:library> update Library_Info set counter_value=1 where student_id=121;
cqlsh:library> update Library_Info set counter_value=2 where student_id=122;
cqlsh:library> select student_id from Library_Info where book_name='BDA' and counter_value=2 allow filtering;

```

```
student_id
-----
122

```

```
(1 rows)
cqlsh:library> copy Library_Info(student_id,student_Name,book_name,book_name,book_id,counter_value) to 'd:\lab2.csv';
Using 7 child processes

```

Starting copy of library.library_info with columns [student_id, student_name, book_name, book_name, book_id, counter_value].

Processed: 4 rows; Rate: 4 rows/s; Avg. rate: 2 rows/s

4 rows exported to 1 files in 2.646 seconds.

```
cqlsh:library> copy Library_Info(student_id,student_Name,book_name,book_name,book_id,counter_value) to stdout;

```

```
121,dakshina,OOMB,OOMB,1010,1
120,shreya,BDA,BDA,1000,1
122,bharath,BDA,BDA,1000,2
123,kiran,ML,ML,1020,2

```

```
cqlsh:library> copy Library_Info(student_id,student_Name,book_name,book_name,book_id,counter_value) from 'd:\lab2.csv';
Using 7 child processes

```