

Lab 2 - BDA

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B2 batch

Exp 2 : Library

```
cqlsh> CREATE KEYSPACE library WITH REPLICATION={ 'class' : 'SimpleStrategy', 'replication_factor' : 1};
cqlsh> USE library;
```

```
cqlsh:library> create table library_info(stud_id int, counter_value Counter, stud_name text,book_name text, date_of_issue timestamp, book_id int, PRIMARY KEY(stud_id,stud_name,book_name,date_of_issue,book_id));
```

```
cqlsh:library> UPDATE library_info SET counter_value = counter_value + 1 WHERE stud_id = 111 and stud_name = 'SAM' and book_name = 'ML' and date_of_issue = '2020-10-11' and book_id = 200;
cqlsh:library> UPDATE library_info SET counter_value = counter_value + 1 WHERE stud_id = 112 and stud_name = 'SHAAN' and book_name = 'BDA' and date_of_issue = '2020-09-21' and book_id = 300;
cqlsh:library> UPDATE library_info SET counter_value = counter_value + 1 WHERE stud_id = 113 and stud_name = 'AYMAN' and book_name = 'OOMD' and date_of_issue = '2020-04-01' and book_id = 400;
cqlsh:library> SELECT * FROM library_info;
```

stud_id	stud_name	book_name	date_of_issue	book_id	counter_value
111	SAM	ML	2020-10-10 18:30:00.000000+0000	200	1
113	AYMAN	OOMD	2020-03-31 18:30:00.000000+0000	400	1
112	SHAAN	BDA	2020-09-20 18:30:00.000000+0000	300	1

(3 rows)

```
cqlsh:library> UPDATE library_info SET counter_value = counter_value + 1 WHERE stud_id = 112 and stud_name = 'SHAAN' and book_name = 'BDA' and date_of_issue = '2020-09-21' and book_id = 300;
cqlsh:library> SELECT * FROM library_info;
```

stud_id	stud_name	book_name	date_of_issue	book_id	counter_value
111	SAM	ML	2020-10-10 18:30:00.000000+0000	200	1
113	AYMAN	OOMD	2020-03-31 18:30:00.000000+0000	400	1
112	SHAAN	BDA	2020-09-20 18:30:00.000000+0000	300	2

(3 rows)

```
cqlsh:library> SELECT * FROM library_info WHERE stud_id = 112;
```

stud_id	stud_name	book_name	date_of_issue	book_id	counter_value
112	SHAAN	BDA	2020-09-20 18:30:00.000000+0000	300	2

(1 rows)

```
cqlsh:library> COPY library_info2(stud_id,stud_name,book_name,book_id,date_of_issue,counter_value) FROM 'e:\libraryInfo.csv';
Using 3 child processes

Starting copy of library.library_info2 with columns [stud_id, stud_name, book_name, book_id, date_of_issue, counter_value].
```

```
cqlsh:library> create table library_info2(stud_id int, counter_value Counter, stud_name text,book_name text, date_of_issue timestamp, book_id int, PRIMARY KEY(stud_id,stud_name,book_name,date_of_issue,book_id));
cqlsh:library> COPY library_info2(stud_id,stud_name,book_name,book_id,date_of_issue,counter_value) FROM 'e:\libraryInfo.csv';
Using 3 child processes
Starting copy of library.library_info2 with columns [stud_id, stud_name, book_name, book_id, date_of_issue, counter_value].
```

```
cqlsh:library> SELECT * FROM library_info2;
```

stud_id	stud_name	book_name	date_of_issue	book_id	counter_value
111	SAM	ML	2020-10-10 18:30:00.000000+0000	200	1
113	AYMAN	OOMD	2020-03-31 18:30:00.000000+0000	400	1
112	SHAAN	BDA	2020-09-20 18:30:00.000000+0000	300	2

(3 rows)

```
cqlsh:library> SELECT * FROM library_info2;
```