LAB RECORD

1BM19CS194

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6-D

LAB5

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

USE library ;

cqlsh:library> CREATE TABLE Library_info(stud_id int, stud_name text, book_name text, book_id text, date_of_issue timestamp, counter_value counter, PRIMARY KEY(stud_id,stud_name, book_name, book_id, date_of_issue));

cqlsh:library> BEGIN COUNTER BATCH

   ... UPDATE library_info set counter_value +=1 where stud_id = 111 and stud_name = 'Manju' and book_name = 'Human Behaviour' and book_id = '52e43' and date_of_issue = '2021-09-12';

   ... UPDATE library_info set counter_value +=1 where stud_id = 112 and stud_name = 'Kishore' and book_name = 'Engineering Mathematics-1' and book_id = '52e44' and date_of_issue = '2021-04-10';

   ... UPDATE library_info set counter_value +=1 where stud_id = 113 and stud_name = 'Maitri' and book_name = 'Dan Brown and book_id = '52e45' and date_of_issue = '2021-02-01';

   ... UPDATE library_info set counter_value +=1 where stud_id = 114 and stud_name = 'Ramesh' and book_name = 'EME' and book_id = '52e46' and date_of_issue = '2021-04-03';

   ... APPLY BATCH;

cqlsh:library> SELECT * FROM library_info ;

```
 stud_id | stud_name | book_name              | book_id | date_of_issue               | counter_value
---------+-----------+------------------------+---------+-----------------------------+--------------
     114 |    Ramesh |     EME |   52e46 | 2021-04-02 18:30:00.000000+0000 |           1
     111 |    Manju |     Human Behaviour |   52e43 | 2021-09-11 18:30:00.000000+0000 |           1
     113 |    Maitri |       Dan Brown |   52e45 | 2021-01-31 18:30:00.000000+0000 |           1
     112 |    Kishore | Engineering Mathematics-1 |   52e44 | 2021-04-09 18:30:00.000000+0000 |           1

(4 rows)
```

cqlsh:library> UPDATE library_info set counter_value += 1 where stud_id = 112 and stud_name = 'Kishore' and book_name = 'Engineering Mathematics-1' and book_id = '52e44' and date_of_issue = '2021-04-09'; cqlsh:library> SELECT * FROM library_info ;

```
 stud_id | stud_name | book_name              | book_id | date_of_issue               | counter_value
---------+-----------+------------------------+---------+-----------------------------+--------------
     114 |    Ramesh |     EME |   52e46 | 2021-04-02 18:30:00.000000+0000 |           1
 111   |    Manoj |     Human Behaviour |   52e43 | 2021-09-11 18:30:00.000000+0000 |           1
```

```
   113 |    Maitri |         Dan Brown |  52e45 | 2021-01-31
18:30:00.000000+0000 |           1

112   |   Kishore | Engineering Mathematics-1 |  52e44 | 2021-04-09
18:30:00.000000+0000 |          2
```

cqlsh:library> copy library_info(stud_id,stud_name, book_name, book_id, date_of_issue,counter_value) to 'library_info.csv' ;

Using 11 child processes

Starting copy of library.library_info with columns [stud_id, stud_name, book_name, book_id, date_of_issue, counter_value]. Processed: 6 rows; Rate: 39 rows/s; Avg. rate: 39 rows/s 6 rows exported to 1 files in 0.165 seconds.

cqlsh:library> copy library_info(stud_id,stud_name, book_name, book_id, date_of_issue,counter_value) from 'library_info.csv' ;

Using 11 child processes

Starting copy of library.library_info with columns [stud_id, stud_name, book_name, book_id, date_of_issue, counter_value]. Processed: 6 rows; Rate: 10 rows/s; Avg. rate: 15 rows/s 6 rows imported from 1 files in 0.392 seconds (0 skipped).