

1BM19CS073

KIRAN M K

Big Data Analytics Laboratory

6B2

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bmscscse@bmscscse-HP-Pro-3330-MT: ~
Connected to Test Cluster at 127.0.0.1:9042
[cqlsh 6.0.0 | Cassandra 4.0.3 | CQL spec 3.4.5 | Native protocol v5]
Use HELP for help.
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 = 114 and stud_name = 'KIRAN' and book_name = 'JAVA' and
date_of_issue = '2022-05-01' and book_id = 123;
cqlsh:library> SELECT * FROM library_info;

stud_id | stud_name | book_name | date_of_issue | book_id | counter_value
-----|-----|-----|-----|-----|-----
114 | KIRAN | JAVA | 2022-04-30 18:30:00.000000+0000 | 123 | 1
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

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bmscscse@bmscscse-HP-Pro-3330-MT: ~
(4 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
-----|-----|-----|-----|-----|-----
114 | KIRAN | JAVA | 2022-04-30 18:30:00.000000+0000 | 123 | 1
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

(4 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_Info(Stud_Id,Stud_Name,Book_Name,Book_Id,Date_Of_Issue,Counter_val
... ue) TO '/home/bmscscse/libraryInfo.csv';
Improper COPY command.
cqlsh:library> COPY library_info(stud_id, stud_name, book_name, book_id, date_of_issue, counter_value) TO '/home/bmscscse/libraryInfo.csv';
Using 3 child processes

Starting copy of library.library_info with columns [stud_id, stud_name, book_name, book_id, date_of_issue, counter_value].
Processed: 4 rows; Rate: 40 rows/s; Avg. rate: 40 rows/s
4 rows exported to 1 files in 0.113 seconds.
cqlsh:library> create table library_test(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));
SyntaxException: line 1:168 mismatched input '+' expecting ')' (... KEY(stud_id, stud_name, book[+]...)
cqlsh:library> create table library_test(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_test(stud_id, stud_name, book_name, book_id, date_of_issue, counter_value) FROM 'home/bmscscse/libraryInfo.csv';
Using 3 child processes

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Activities Terminal May 9 15:40 bmscsec@bmscsec-HP-Pro-3330-MT: ~

(4 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_Info(Stud_Id,Stud_Name,Book_Name,Book_Id,Date_Of_Issue,Counter_val
... ue) TO '/home/bmscsec/libraryInfo.csv';
Improper COPY command.
cqlsh:library> COPY library_info(stud_id, stud_name, book_name, book_id, date_of_issue, counter_value) TO '/home/bmscsec/libraryInfo.csv';
Using 3 child processes

Starting copy of library.library_info with columns [stud_id, stud_name, book_name, book_id, date_of_issue, counter_value].
Processed: 4 rows; Rate: 40 rows/s; Avg. rate: 40 rows/s
4 rows exported to 1 files in 0.113 seconds.
cqlsh:library> create table library_test(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));
SyntaxException: line 1:168 mismatched input '+' expecting ')' (... KEY(stud_id, stud_name, book[+]...)
cqlsh:library> create table library_test(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_test(stud_id, stud_name, book_name, book_id, date_of_issue, counter_value) FROM 'home/bmscsec/libraryInfo.csv';
Using 3 child processes

Starting copy of library.library_test with columns [stud_id, stud_name, book_name, book_id, date_of_issue, counter_value].
Failed to import 0 rows: OSError - Can't open 'home/bmscsec/libraryInfo.csv' for reading: no matching file found, given up after 1 attempts
Processed: 0 rows; Rate: 0 rows/s; Avg. rate: 0 rows/s
0 rows imported from 0 files in 0.231 seconds (0 skipped).
cqlsh:library> COPY library_test(stud_id, stud_name, book_name, book_id, date_of_issue, counter_value) FROM '/home/bmscsec/libraryInfo.csv';
Using 3 child processes

Starting copy of library.library_test with columns [stud_id, stud_name, book_name, book_id, date_of_issue, counter_value].
Processed: 4 rows; Rate: 6 rows/s; Avg. rate: 10 rows/s
4 rows imported from 1 files in 0.420 seconds (0 skipped).
cqlsh:library>
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