

```

withbmsce@bmsce-OptiPlex-3060:~/cassandra/apache-cassandra-3.11.0/bin$ ./cqlsh
Connected to Test Cluster at 127.0.0.1:9042.
[cqlsh 5.0.1 | Cassandra 3.11.0 | CQL spec 3.4.4 | Native protocol v4]
Use HELP for help.
cqlsh> create keyspace Library with replication = {'class': 'SimpleStrategy',
'replication_factor':2};
SyntaxException: line 1:51 no viable alternative at input ':' (... Library with replication =
{"clas}s":...)
cqlsh> create keyspace Library with replication = {'class': 'SimpleStrategy', 'replication_factor':2};
AlreadyExists: Keyspace 'library' already exists
cqlsh> drop keyspace library
... ;
cqlsh> create keyspace Library with replication = {'class': 'SimpleStrategy',
'replication_factor':2};
SyntaxException: line 1:51 no viable alternative at input ':' (... Library with replication =
{"clas}s":...)
cqlsh> create keyspace Library with replication = {'class': 'SimpleStrategy', 'replication_factor':2};
cqlsh> create table library_info(
... stud_id int,
... counter_value counter,
... stud_name text,
... book_name text,
... book_id int,
... date_of_issue date,
... primary key(stud_id));
InvalidRequest: Error from server: code=2200 [Invalid query] message="No keyspace has been
specified. USE a keyspace, or explicitly specify keyspace.tablename"
cqlsh> use library;
cqlsh:library> create table library_info( stud_id int, counter_value counter, stud_name text,
book_name text, book_id int, date_of_issue date, primary key(stud_id));
InvalidRequest: Error from server: code=2200 [Invalid query] message="Cannot mix counter
and non counter columns in the same table"
cqlsh:library> create table library_info( stud_id int, counter_value counter, stud_name text,
book_name text, book_id int, date_of_issue date, primary key(stud_id, stud_name, book_name,
book_id, date_of_issue));
cqlsh:library> begin batch
... insert into library_info(stud_id,stud_name, book_name, book_id, date_of_issue)
values
... (1, 'Ramesh', 'life or death', 100, '09-05-2022');apply batch;
InvalidRequest: Error from server: code=2200 [Invalid query] message="INSERT statements
are not allowed on counter tables, use UPDATE instead"
cqlsh:library> update library_info set counter_value = counter_value + 0 where stud_id = 1 and
stud_name = 'ramesh' and book_id = 110 and date_of_issue = '09-05-2022';

```

InvalidRequest: Error from server: code=2200 [Invalid query] message="Unable to coerce '09-05-2022' to a formatted date (long)"

```
cqlsh:library> update library_info set counter_value = counter_value + 0 where stud_id = 1 and stud_name = 'ramesh' and book_id = 110 and date_of_issue = '09/05/2022';
```

InvalidRequest: Error from server: code=2200 [Invalid query] message="Unable to coerce '09/05/2022' to a formatted date (long)"

```
cqlsh:library> update library_info set counter_value = counter_value + 0 where stud_id = 1 and stud_name = 'ramesh' and book_id = 110 and date_of_issue = '2022-05-09';
```

InvalidRequest: Error from server: code=2200 [Invalid query] message="Some clustering keys are missing: book_name"

```
cqlsh:library> update library_info set counter_value = counter_value + 0 where stud_id = 1 and stud_name = 'ramesh' and book_id = 110 and date_of_issue = '2022-05-09' and book_name='life or death';
```

SyntaxException: line 1:181 no viable alternative at input ';' (...date_of_issue = '2022-05-09' and book_name=["life or deat]h";)

```
cqlsh:library> update library_info set counter_value = counter_value + 0 where stud_id = 1 and stud_name = 'ramesh' and book_id = 110 and date_of_issue = '2022-05-09' and book_name='life or death';
```

```
cqlsh:library> update library_info set counter_value = counter_value + 0 where stud_id = 2 and stud_name = 'suresh' and book_id = 111 and date_of_issue = '2022-05-08' and book_name='rich dad poor dad';
```

```
cqlsh:library> select * from library_info
... ;
```

stud_id	stud_name	book_name	book_id	date_of_issue	counter_value
1	ramesh	life or death	110	2022-05-09	0
2	suresh	rich dad poor dad	111	2022-05-08	0

(2 rows)

```
cqlsh:library> update library_info set counter_value = counter_value + 0 where stud_id = 3 and stud_name = 'babu' and book_id = 112 and date_of_issue = '2022-05-07' and book_name='ek ka double';
```

```
cqlsh:library> select * from library_info ;
```

stud_id	stud_name	book_name	book_id	date_of_issue	counter_value
1	ramesh	life or death	110	2022-05-09	0
2	suresh	rich dad poor dad	111	2022-05-08	0
3	babu	ek ka double	112	2022-05-07	0

(3 rows)

```
cqlsh:library> update library_info set counter_value = counter_value + 0 where stud_id = 4 and
stud_name = 'raju' and book_id = 113 and date_of_issue = '2022-05-08' and
book_name='ITUS';
cqlsh:library> select * from library_info ;
```

stud_id	stud_name	book_name	book_id	date_of_issue	counter_value
1	ramesh	life or death	110	2022-05-09	0
2	suresh	rich dad poor dad	111	2022-05-08	0
4	raju	ITUS	113	2022-05-08	0
3	babu	ek ka double	112	2022-05-07	0

(4 rows)

```
cqlsh:library> update library_info set counter_value=counter_value+1 where stud_id=1
... ;
```

InvalidRequest: Error from server: code=2200 [Invalid query] message="Some clustering keys are missing: stud_name, book_name, book_id, date_of_issue"

```
cqlsh:library> update library_info set counter_value=counter_value+1 where stud_id=1 and
stud_name='ramesh' and book_name='life or death' and book_id=110 and
date_of_issue='2022-05-09';
cqlsh:library> select * from library_info ;
```

stud_id	stud_name	book_name	book_id	date_of_issue	counter_value
1	ramesh	life or death	110	2022-05-09	1
2	suresh	rich dad poor dad	111	2022-05-08	0
4	raju	ITUS	113	2022-05-08	0
3	babu	ek ka double	112	2022-05-07	0

(4 rows)

```
cqlsh:library> update library_info set counter_value = counter_value + 0 where stud_id = 112
and stud_name = 'shyam' and book_id = 123 and date_of_issue = '2022-05-08' and
book_name='BDA';
cqlsh:library> select * from library_info ;
```

stud_id	stud_name	book_name	book_id	date_of_issue	counter_value
1	ramesh	life or death	110	2022-05-09	1
2	suresh	rich dad poor dad	111	2022-05-08	0
4	raju	ITUS	113	2022-05-08	0
112	shyam	BDA	123	2022-05-08	0
3	babu	ek ka double	112	2022-05-07	0

(5 rows)

```
cqlsh:library> update library_info set counter_value=counter_value+2 where stud_id=112 and
stud_name='shyam' and book_name='BDA' and book_id=123 and date_of_issue='2022-05-08';
cqlsh:library> select * from library_info ;
```

stud_id	stud_name	book_name	book_id	date_of_issue	counter_value
1	ramesh	life or death	110	2022-05-09	1
2	suresh	rich dad poor dad	111	2022-05-08	0
4	raju	ITUS	113	2022-05-08	0
112	shyam	BDA	123	2022-05-08	2
3	babu	ek ka double	112	2022-05-07	0

(5 rows)

```
cqlsh:library> select stud_id, stud_name, book_name, counter_value from library_info where
stud_id=11;
```

stud_id	stud_name	book_name	counter_value
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(0 rows)

```
cqlsh:library> select stud_id, stud_name, book_name, counter_value from library_info where
stud_id=112;
```

stud_id	stud_name	book_name	counter_value
112	shyam	BDA	2

(1 rows)

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

Improper copy command.

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

Using 11 child processes

Can't open '/home/khushil/lib.csv' for writing: [Errno 2] No such file or directory:
'/home/khushil/lib.csv'

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

Using 11 child processes

Can't open '/khushil/lib.csv' for writing: [Errno 2] No such file or directory: '/khushil/lib.csv'

```
cqlsh:library> copy library.library_info(stud_id, stud_name, book_name, book_id, date_of_issue,
counter_value) to '/1bm19cs072/lib.csv';
```

Using 11 child processes

Can't open '/1bm19cs072/lib.csv' for writing: [Errno 2] No such file or directory:

'/1bm19cs072/lib.csv'

cqlsh:library> copy library.library_info(stud_id, stud_name, book_name, book_id, date_of_issue, counter_value) to '/home/1bm19cs072/lib.csv';

Using 11 child processes

Can't open '/home/1bm19cs072/lib.csv' for writing: [Errno 2] No such file or directory:

'/home/1bm19cs072/lib.csv'

cqlsh:library> copy library.library_info(stud_id, stud_name, book_name, book_id, date_of_issue, counter_value) to '/home/bmsce/1bm19cs072/lib.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: 5 rows; Rate: 27 rows/s; Avg. rate: 27 rows/s

5 rows exported to 1 files in 0.201 seconds.

cqlsh:library>

cqlsh:library>