

```

Precision-T1700:~$ typescript lab2.txt
typescript: command not found
bmce@bmce-Precision-T1700:~$ script lab2.txt
Script started, file is lab2.txt
bmce@bmce-Precision-T1700:~$ cd cassandra
bmce@bmce-Precision-T1700:~/cassandra$ cd apache-cassandra-3.11.0/
bmce@bmce-Precision-T1700:~/cassandra/apache-cassandra-3.11.0$ ./cqqlsh
bash: ./cqqlsh: No such file or directory
bmce@bmce-Precision-T1700:~/cassandra/apache-cassandra-3.11.0$ ls
bin          conf          interface  lib          NEWS.txt     pylib
CHANGES.txt doc          javadoc    LICENSE.txt  NOTICE.txt  tools
bmce@bmce-Precision-T1700:~/cassandra/apache-cassandra-3.11.0$ cd bin
bmce@bmce-Precision-T1700:~/cassandra/apache-cassandra-3.11.0/bin$ ./cqqlsh
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.
cqqlsh> SELECT * FROM system_schema.keyspaces
... ;

keyspace_name | durable_writes | replication
-----
student | True | {'class': 'org.apache.cassandra.locator.SimpleStrategy', 'replication_factor': '1'}
system_auth | True | {'class': 'org.apache.cassandra.locator.SimpleStrategy', 'replication_factor': '1'}
system_schema | True | {'class': 'org.apache.cassandra.locator.LocalStrategy'}
system_distributed | True | {'class': 'org.apache.cassandra.locator.SimpleStrategy', 'replication_factor': '3'}
system | True | {'class': 'org.apache.cassandra.locator.LocalStrategy'}
system_traces | True | {'class': 'org.apache.cassandra.locator.SimpleStrategy', 'replication_factor': '2'}
students | True | {'class': 'org.apache.cassandra.locator.SimpleStrategy', 'replication_factor': '1'}

(7 rows)
cqqlsh> CREATE KEYSPACE employee WITH REPLICATION={'class': 'SimpleStrategy', 'replication_factor': 1};
SyntaxException: line 1:48 no viable alternative at input '{' (... KEYSPACE employee WITH REPLICATION={[class]:...})
cqqlsh> CREATE KEYSPACE employee WITH REPLICATION={'class': 'SimpleStrategy', 'replication_factor': 1};
cqqlsh> USE employee;
cqqlsh> employee> CREATE TABLE employee_info (emp_id int PRIMARY KEY, emp_name text, designation text, DateofJoining timestamp, salary double, Dept_name text );
SyntaxException: line 1:21 no viable alternative at input '-' (CREATE TABLE [employee]-...)
cqqlsh> employee> CREATE TABLE employee_info (emp_id int PRIMARY KEY, emp_name text, designation text, DateofJoining timestamp, salary double, Dept_name text );
cqqlsh> employee> DESCRIBE TABLES;

employee_info

cqqlsh> employee> DESCRIBE TABLE employee_info;

CREATE TABLE employee.employee_info (
  emp_id int PRIMARY KEY,
  dateofjoining timestamp,
  dept_name text,
  designation text,
  emp_name text,
  salary double
) WITH bloom_filter_fp_chance = 0.01
AND caching = {'keys': 'ALL', 'rows_per_partition': 'NONE'}
AND comment = ''
AND compaction = {'class': 'org.apache.cassandra.db.compaction.SizeTieredCompactionStrategy', 'max_threshold': '32', 'min_threshold': '4'}
AND compression = {'chunk_length_in_kb': '64', 'class': 'org.apache.cassandra.io.compress.LZ4Compressor'}
AND crc_check_chance = 1.0
AND dclocal_read_repair_chance = 0.1
AND default_time_to_live = 0
AND gc_grace_seconds = 864000
AND max_index_interval = 2048
AND memtable_flush_period_in_ms = 0
AND min_index_interval = 128
AND read_repair_chance = 0.0
AND speculative_retry = '99PERCENTILE';

cqqlsh> employee> BEGIN BATCH
... ;
... ;
... APPLY BATCH;
SyntaxException: line 2:0 mismatched input ';' expecting K APPLY (BEGIN BATCH[;]...)
cqqlsh> employee> BEGIN BATCH INSERT INTO employee_info (emp_id, emp_name, designation, DateofJoining, salary, Dept_name) VALUES (100, 'Eva Smart', 'HOD', '2020-02-28', 50000.00, 'CSE' )
... INSERT INTO employee_info (emp_id, emp_name, designation, DateofJoining, salary, Dept_name) VALUES (120, 'Kelsey Stephens', 'Professor', '2020-03-08', 49000.00, 'CSE' )
... INSERT INTO employee_info (emp_id, emp_name, designation, DateofJoining, salary, Dept_name) VALUES (120, 'Vince Poole', 'Professor', '2020-03-08', 49000.00, 'CSE' )
... INSERT INTO employee_info (emp_id, emp_name, designation, DateofJoining, salary, Dept_name) VALUES (120, 'Laurel Dittman', 'Associate Professor', '2020-03-08', 48000.00, 'CSE' )
... INSERT INTO employee_info (emp_id, emp_name, designation, DateofJoining, salary, Dept_name) VALUES (121, 'Horace Rice', 'Associate Professor', '2020-03-08', 48000.00, 'CSE' )
... INSERT INTO employee_info (emp_id, emp_name, designation, DateofJoining, salary, Dept_name) VALUES (123, 'Phyllis Douglas', 'Assistant Professor', '2020-03-08', 47000.00, 'CSE' )
... APPLY BATCH ;
cqqlsh> employee> SELECT * from employee_info
... ;

emp_id | dateofjoining | dept_name | designation | emp_name | salary
-----
120 | 2020-03-07 18:30:00.000000+0000 | CSE | Professor | Vince Poole | 48000
123 | 2020-03-09 18:30:00.000000+0000 | CSE | Assistant Professor | Phyllis Douglas | 47000
121 | 2020-03-07 18:30:00.000000+0000 | CSE | Associate Professor | Laurel Dittman | 48000
100 | 2020-02-27 18:30:00.000000+0000 | CSE | HOD | Eva Smart | 50000

(4 rows)
cqqlsh> employee> BEGIN BATCH INSERT INTO employee_info (emp_id, emp_name, designation, DateofJoining, salary, Dept_name) VALUES (109, 'Kelsey Stephens', 'Professor', '2020-03-08', 49000.00, 'CSE' ) INSERT INTO employee_info (emp_id, emp_name, designation, DateofJoining, salary, Dept_name) VALUES (110, 'Vince Poole', 'Professor', '2020-03-08', 49000.00, 'CSE' ) INSERT INTO employee_info (emp_id, emp_name, designation, DateofJoining, salary, Dept_name) VALUES (111, 'Horace Rice', 'Associate Professor', '2020-03-08', 48000.00, 'CSE' )
cqqlsh> employee> SELECT * from employee_info ;

emp_id | dateofjoining | dept_name | designation | emp_name | salary
-----
110 | 2020-03-07 18:30:00.000000+0000 | CSE | Professor | Vince Poole | 49000
120 | 2020-03-07 18:30:00.000000+0000 | CSE | Professor | Vince Poole | 48000
123 | 2020-03-09 18:30:00.000000+0000 | CSE | Assistant Professor | Phyllis Douglas | 47000
122 | 2020-03-07 18:30:00.000000+0000 | CSE | Associate Professor | Laurel Dittman | 48000
121 | 2020-03-07 18:30:00.000000+0000 | CSE | Associate Professor | Horace Rice | 48000
100 | 2020-02-27 18:30:00.000000+0000 | CSE | HOD | Eva Smart | 50000
109 | 2020-03-07 18:30:00.000000+0000 | CSE | Professor | Kelsey Stephens | 49000

(7 rows)
cqqlsh> employee> DELETE from employee_info WHERE emp_id=110;
cqqlsh> employee> SELECT * from employee_info ;

emp_id | dateofjoining | dept_name | designation | emp_name | salary
-----
120 | 2020-03-07 18:30:00.000000+0000 | CSE | Professor | Vince Poole | 48000
123 | 2020-03-09 18:30:00.000000+0000 | CSE | Assistant Professor | Phyllis Douglas | 47000
122 | 2020-03-07 18:30:00.000000+0000 | CSE | Associate Professor | Laurel Dittman | 48000
121 | 2020-03-07 18:30:00.000000+0000 | CSE | Associate Professor | Horace Rice | 48000
100 | 2020-02-27 18:30:00.000000+0000 | CSE | HOD | Eva Smart | 50000
109 | 2020-03-07 18:30:00.000000+0000 | CSE | Professor | Kelsey Stephens | 49000

(6 rows)
cqqlsh> employee> UPDATE employee_info SET emp_name='Edwin Mendoza', Dept_name='ISE' WHERE emp_id=121;
cqqlsh> employee> SELECT * from employee_info ;

emp_id | dateofjoining | dept_name | designation | emp_name | salary
-----
120 | 2020-03-07 18:30:00.000000+0000 | CSE | Professor | Vince Poole | 48000
123 | 2020-03-09 18:30:00.000000+0000 | CSE | Assistant Professor | Phyllis Douglas | 47000
122 | 2020-03-07 18:30:00.000000+0000 | CSE | Associate Professor | Laurel Dittman | 48000
121 | 2020-03-07 18:30:00.000000+0000 | ISE | Associate Professor | Edwin Mendoza | 48000
100 | 2020-02-27 18:30:00.000000+0000 | CSE | HOD | Eva Smart | 50000
109 | 2020-03-07 18:30:00.000000+0000 | CSE | Professor | Kelsey Stephens | 49000

(6 rows)
cqqlsh> employee> SELECT * FROM employee_info ORDER BY salary ASC;
InvalidRequest: Error from server: code=2200 [Invalid query] message="ORDER BY is only supported when the partition key is restricted by an EQ or an IN."
cqqlsh> employee> SELECT * FROM employee_info WHERE emp_id=10 ORDER BY salary ASC;
SyntaxException: line 1:41 no viable alternative at input '*' (...* FROM employee_info WHERE emp_id=[*]...)
cqqlsh> employee> SELECT * FROM employee_info WHERE salary>0 ORDER BY salary ASC;
InvalidRequest: Error from server: code=2200 [Invalid query] message="Cannot execute this query as it might involve data filtering and thus may have unpredictable performance. If you want to execute this query despite the performance unpredictability, use ALLOW FILTERING"
cqqlsh> employee> SELECT * FROM employee_info WHERE salary > 0 ORDER BY salary ASC;

```

Request: Error from server: code=2200 [Invalid query] message="Cannot execute this query as it might involve data filtering and thus may have unpredictable performance. If you want to execute this query despite the performance unpredictability, use ALLOW FILTERING"

```
qqlsh:employee> SELECT * FROM employee_info WHERE salary > 0, emp_id IN 8 ORDER BY salary ASC;
SyntaxException: line 1:44 mismatched input ',', expecting EOF (... employee_info WHERE salary > 0[,,...)
qqlsh:employee> SELECT * FROM employee_info WHERE salary > 0, emp_id IN * ORDER BY salary ASC;
SyntaxException: line 1:44 mismatched input ',', expecting EOF (... employee_info WHERE salary > 0[,,...)
qqlsh:employee> SELECT * FROM employee_info WHERE salary > 0, emp_id IN * ORDER BY salary ASC;
SyntaxException: line 1:44 no viable alternative at input '*' (SELECT * FROM employee_info WHERE (emp_id IN...))
qqlsh:employee> SELECT * FROM employee_info WHERE emp_id IN (100, 1000) ORDER BY salary ASC;
InvalidRequest: Error from server: code=2200 [Invalid query] message="Order by is currently only supported on the clustered columns of the PRIMARY KEY, got salary"
qqlsh:employee> SELECT * FROM employee_info WHERE salary>0 ORDER BY salary ASC ALLOW FILTERING;
InvalidRequest: Error from server: code=2200 [Invalid query] message="ORDER BY is only supported when the partition key is restricted by an EQ or an IN."
```

```
qqlsh:employee> ALTER TABLE employee_info ADD projects set<text>
...
qqlsh:employee> SELECT * from employee_info ;
```

emp_id	dateofjoining	dept_name	designation	emp_name	projects	salary
120	2020-03-07 18:30:00.000000+0000	CSE	Professor	Vince Poole	null	48000
123	2020-03-09 18:30:00.000000+0000	CSE	Assistant Professor	Phyllis Douglas	null	47000
122	2020-03-07 18:30:00.000000+0000	CSE	Associate Professor	Laurel Dittman	null	48000
121	2020-03-07 18:30:00.000000+0000	ISE	Associate Professor	Edwin Mendoza	null	48000
100	2020-02-27 18:30:00.000000+0000	CSE	HOD	Eva Smart	null	50000
109	2020-03-07 18:30:00.000000+0000	CSE	Professor	Kelsey Stephens	null	49000

(6 rows)

```
qqlsh:employee> CREATE INDEX ON employee_info(salary);
qqlsh:employee> SELECT * FROM employee_info ORDER BY salary
...
InvalidRequest: Error from server: code=2200 [Invalid query] message="ORDER BY is only supported when the partition key is restricted by an EQ or an IN."
```

```
qqlsh:employee> DESC INDEX employee.employee_info_salary_idx
```

```
CREATE INDEX employee_info_salary_idx ON employee.employee_info (salary);
```

```
qqlsh:employee> DESC INDEX employee.employee_info_salary_idx;
```

```
CREATE INDEX employee_info_salary_idx ON employee.employee_info (salary);
```

```
qqlsh:employee> DROP INDEX IF EXISTS employee.employee_info_salary_idx
...
qqlsh:employee> UPDATE employee_info SET projects=projects+(Project1) WHERE emp_id=100;
```

```
SyntaxException: line 1:52 no viable alternative at input '(' (UPDATE employee_info SET projects=projects+({'Project1'}...))
```

```
qqlsh:employee> UPDATE employee_info SET projects=projects+(Project1) WHERE emp_id=100;
```

```
SyntaxException: line 1:52 no viable alternative at input '(' (UPDATE employee_info SET projects=projects+({'Project1'}...))
```

```
qqlsh:employee> UPDATE employee_info SET projects=projects+({'Project1'}) WHERE emp_id=100;
```

```
qqlsh:employee> UPDATE employee_info SET projects=projects+({'Project1','Project2'}) WHERE emp_id=120;
```

```
qqlsh:employee> UPDATE employee_info SET projects=projects+({'Project2'}) WHERE emp_id=123;
```

```
qqlsh:employee> UPDATE employee_info SET projects=projects+({'Project2','Project4'}) WHERE emp_id=122;
```

```
qqlsh:employee> UPDATE employee_info SET projects=projects+({'Project4'}) WHERE emp_id=121;
```

```
qqlsh:employee> INSERT INTO employee_info(emp_id, emp_name, designation, DateofJoining, salary, Dept_name) VALUES (122, 'Conrad Menzie', 'Intern', '2020-03-28',10000.00,'CSE') USING TTL 30 ;
```

```
qqlsh:employee> SELECT * FROM employee_info ;
```

emp_id	dateofjoining	dept_name	designation	emp_name	projects	salary
120	2020-03-07 18:30:00.000000+0000	CSE	Professor	Vince Poole	{'Project1', 'Project2'}	48000
123	2020-03-09 18:30:00.000000+0000	CSE	Assistant Professor	Phyllis Douglas	{'Project2'}	47000
122	2020-03-27 18:30:00.000000+0000	CSE	Intern	Conrad Menzie	{'Project2', 'Project4'}	10000
121	2020-03-07 18:30:00.000000+0000	ISE	Associate Professor	Edwin Mendoza	{'Project4'}	48000
100	2020-02-27 18:30:00.000000+0000	CSE	HOD	Eva Smart	{'Project1'}	50000
109	2020-03-07 18:30:00.000000+0000	CSE	Professor	Kelsey Stephens	{'Project1'}	49000

(6 rows)

```
qqlsh:employee> INSERT INTO employee_info(emp_id, emp_name, designation, DateofJoining, salary, Dept_name) VALUES (101, 'Conrad Menzie', 'Intern', '2020-03-28',10000.00,'CSE') USING TTL 30 ;
```

```
qqlsh:employee> SELECT * FROM employee_info ;
```

emp_id	dateofjoining	dept_name	designation	emp_name	projects	salary
120	2020-03-07 18:30:00.000000+0000	CSE	Professor	Vince Poole	{'Project1', 'Project2'}	48000
123	2020-03-09 18:30:00.000000+0000	CSE	Assistant Professor	Phyllis Douglas	{'Project2'}	47000
122	null	null	null	null	{'Project2', 'Project4'}	null
121	2020-03-07 18:30:00.000000+0000	ISE	Associate Professor	Edwin Mendoza	{'Project4'}	48000
100	2020-02-27 18:30:00.000000+0000	CSE	HOD	Eva Smart	{'Project1'}	50000
109	2020-03-07 18:30:00.000000+0000	CSE	Professor	Kelsey Stephens	{'Project1'}	49000
101	2020-03-27 18:30:00.000000+0000	CSE	Intern	Conrad Menzie	null	10000

(7 rows)

```
qqlsh:employee> SELECT * FROM employee_info ;
```

emp_id	dateofjoining	dept_name	designation	emp_name	projects	salary
120	2020-03-07 18:30:00.000000+0000	CSE	Professor	Vince Poole	{'Project1', 'Project2'}	48000
123	2020-03-09 18:30:00.000000+0000	CSE	Assistant Professor	Phyllis Douglas	{'Project2'}	47000
122	null	null	null	null	{'Project2', 'Project4'}	null
121	2020-03-07 18:30:00.000000+0000	ISE	Associate Professor	Edwin Mendoza	{'Project4'}	48000
100	2020-02-27 18:30:00.000000+0000	CSE	HOD	Eva Smart	{'Project1'}	50000
109	2020-03-07 18:30:00.000000+0000	CSE	Professor	Kelsey Stephens	{'Project1'}	49000

(6 rows)

```
qqlsh:employee> INSERT INTO employee_info(emp_id, emp_name, designation, DateofJoining, salary, Dept_name) VALUES (122, 'Laurel Dittman', 'Associate Professor', '2020-03-08',48000.00,'CSE' );
```

```
qqlsh:employee> SELECT * FROM employee_info ;
```

emp_id	dateofjoining	dept_name	designation	emp_name	projects	salary
120	2020-03-07 18:30:00.000000+0000	CSE	Professor	Vince Poole	{'Project1', 'Project2'}	48000
123	2020-03-09 18:30:00.000000+0000	CSE	Assistant Professor	Phyllis Douglas	{'Project2'}	47000
122	2020-03-07 18:30:00.000000+0000	CSE	Associate Professor	Laurel Dittman	{'Project2', 'Project4'}	48000
121	2020-03-07 18:30:00.000000+0000	ISE	Associate Professor	Edwin Mendoza	{'Project4'}	48000
100	2020-02-27 18:30:00.000000+0000	CSE	HOD	Eva Smart	{'Project1'}	50000
109	2020-03-07 18:30:00.000000+0000	CSE	Professor	Kelsey Stephens	{'Project1'}	49000

(6 rows)

```
qqlsh:employee> INSERT INTO employee_info(emp_id, emp_name, designation, DateofJoining, salary, Dept_name) VALUES (101, 'Conrad Menzie', 'Intern', '2020-03-28',10000.00,'CSE') USING TTL 30 ;
```

```
qqlsh:employee> INSERT INTO employee_info(emp_id, emp_name, designation, DateofJoining, salary, Dept_name) VALUES (101, 'Conrad Menzie', 'Intern', '2020-03-28',10000.00,'CSE') USING TTL 30 ;
```

```
qqlsh:employee> SELECT * FROM employee_info ;
```

emp_id	dateofjoining	dept_name	designation	emp_name	projects	salary
120	2020-03-07 18:30:00.000000+0000	CSE	Professor	Vince Poole	{'Project1', 'Project2'}	48000
123	2020-03-09 18:30:00.000000+0000	CSE	Assistant Professor	Phyllis Douglas	{'Project2'}	47000
122	2020-03-07 18:30:00.000000+0000	CSE	Associate Professor	Laurel Dittman	{'Project2', 'Project4'}	48000
121	2020-03-07 18:30:00.000000+0000	ISE	Associate Professor	Edwin Mendoza	{'Project4'}	48000
100	2020-02-27 18:30:00.000000+0000	CSE	HOD	Eva Smart	{'Project1'}	50000
109	2020-03-07 18:30:00.000000+0000	CSE	Professor	Kelsey Stephens	{'Project1'}	49000
101	2020-03-27 18:30:00.000000+0000	CSE	Intern	Conrad Menzie	null	10000

(7 rows)

```
qqlsh:employee> SELECT * FROM employee_info ;
```

emp_id	dateofjoining	dept_name	designation	emp_name	projects	salary
120	2020-03-07 18:30:00.000000+0000	CSE	Professor	Vince Poole	{'Project1', 'Project2'}	48000
123	2020-03-09 18:30:00.000000+0000	CSE	Assistant Professor	Phyllis Douglas	{'Project2'}	47000
122	2020-03-07 18:30:00.000000+0000	CSE	Associate Professor	Laurel Dittman	{'Project2', 'Project4'}	48000
121	2020-03-07 18:30:00.000000+0000	ISE	Associate Professor	Edwin Mendoza	{'Project4'}	48000
100	2020-02-27 18:30:00.000000+0000	CSE	HOD	Eva Smart	{'Project1'}	50000
109	2020-03-07 18:30:00.000000+0000	CSE	Professor	Kelsey Stephens	{'Project1'}	49000
101	2020-03-27 18:30:00.000000+0000	CSE	Intern	Conrad Menzie	null	10000

(7 rows)

```
qqlsh:employee> SELECT * FROM employee_info ;
```

emp_id	dateofjoining	dept_name	designation	emp_name	projects	salary
120	2020-03-07 18:30:00.000000+0000	CSE	Professor	Vince Poole	{'Project1', 'Project2'}	48000
123	2020-03-09 18:30:00.000000+0000	CSE	Assistant Professor	Phyllis Douglas	{'Project2'}	47000
122	2020-03-07 18:30:00.000000+0000	CSE	Associate Professor	Laurel Dittman	{'Project2', 'Project4'}	48000

121		2020-03-07 18:30:00.000000+0000		ISE		Associate Professor		Edwin Mendoza		{'Project4'}		48000
100		2020-02-27 18:30:00.000000+0000		CSE		BOO		Eva Smart		{'Project1'}		50000
109		2020-03-07 18:30:00.000000+0000		CSE		Professor		Kelsey Stephens		{'Project1'}		49000

```
(6 rows)
cqlsh:employee> exit
bmsce@bmsce-Precision-T1700:~/cassandra/apache-cassandra-3.11.0/bin$ ./cqlsh
Connected to Test Cluster at 127.0.0.1:9042.
[cqlsh 5.0.1 | Cassandra 3.11.5 | CQL spec 3.4.4 | Native protocol v4]
Use HELP for help.
cqlsh> CREATE KEYSPACE library WITH REPLICATION=[{'class':'SimpleStrategy'},{'replication_factor':1}];
SyntaxException: line 1:41 no viable alternative at input '{' (CREATE KEYSPACE library WITH [REPLICATION]=[...])
cqlsh> CREATE KEYSPACE library WITH REPLICATION=[{'class':'SimpleStrategy'},{'replication_factor':1}];
cqlsh> USE library;
cqlsh:library> CREATE TABLE library_info(
...
SyntaxException: line 2:0 no viable alternative at input '(' (CREATE TABLE library_info[...])
cqlsh:library> CREATE TABLE library_info( stud_id int PRIMARY KEY, counter_value counter, stud_name text, book_name text, bookname text, book_id int, DateofIssue timestamp);
InvalidRequest: Error from server: code=2200 [Invalid query] message="Cannot mix counter and non counter columns in the same table"
cqlsh:library>
cqlsh:library> CREATE TABLE library_info( stud_id int PRIMARY KEY, stud_name text, book_name text, bookname text, book_id int, DateofIssue timestamp);
cqlsh:library> ALTER TABLE library_info ADD counter_value counter;
ConfigurationException: Cannot add a counter column (counter_value) in a non counter column family
cqlsh:library> DROP TABLE library_info
...
cqlsh:library> DESCRIBE TABLES;

<empty>

cqlsh:library> CREATE TABLE library_info( stud_id int, stud_name text, book_name text, bookname text, book_id int, DateofIssue timestamp, counter_value counter , 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 PRIMARY KEY, stud_name text, book_name text, bookname text, book_id int, DateofIssue timestamp, counter_value counter);
InvalidRequest: Error from server: code=2200 [Invalid query] message="Cannot mix counter and non counter columns in the same table"
cqlsh:library>
cqlsh:library> CREATE TABLE library_info( stud_id int PRIMARY KEY, counter_value counter);
cqlsh:library> ALTER TABLE library_info stud_name text, book_name text, bookname text, book_id int, DateofIssue timestamp ;
SyntaxException: line 1:25 no viable alternative at input 'stud_name' (ALTER TABLE [library_info] stud_name...)
cqlsh:library> ALTER TABLE library_info ADD stud_name text, book_name text, bookname text, book_id int, DateofIssue timestamp ;
SyntaxException: line 1:43 mismatched input ',' expecting EOF (... TABLE library_info ADD stud_name text[,] book_name...)
cqlsh:library> ALTER TABLE library_info stud_name text
...
SyntaxException: line 1:25 no viable alternative at input 'stud_name' (ALTER TABLE [library_info] stud_name...)
cqlsh:library> DROP TABLE library_info ;
cqlsh:library> CREATE TABLE library_info( stud_id int, stud_name text, book_name text, bookname text, book_id int, DateofIssue timestamp, counter_value counter , PRIMARY KEY (stud_id,stud_name,timestamp), book_id,book_name);
SyntaxException: line 1:206 no viable alternative at input ', ' (...(stud_id,stud_name,timestamp), book_id,book_name[,]...)
cqlsh:library> CREATE TABLE library_info(stud_id int, stud_name text, book_name text, bookname text, book_id int, DateofIssue timestamp, counter_value counter , PRIMARY KEY (stud_id,stud_name), book_id,book_name,DateofIssue);
SyntaxException: line 1:186 no viable alternative at input ', ' (... KEY (stud_id,stud_name), book_id[,]...)
cqlsh:library> CREATE TABLE library_info(stud_id int, stud_name text, book_name text, bookname text, book_id int, DateofIssue timestamp, counter_value counter , PRIMARY KEY (stud_id,stud_name),book_id,book_name,DateofIssue);
SyntaxException: line 1:185 no viable alternative at input ', ' (... KEY (stud_id,stud_name),book_id[,]...)
cqlsh:library> CREATE TABLE library_info(stud_id int, stud_name text, book_name text, book_id int, DateofIssue timestamp, counter_value counter , PRIMARY KEY (stud_id,stud_name),book_id,book_name,DateofIssue);
SyntaxException: line 1:170 no viable alternative at input ', ' (... KEY (stud_id,stud_name),book_id[,]...)
cqlsh:library> CREATE TABLE library_info(stud_id int, stud_name text, book_name text, book_id int, DateofIssue timestamp, counter_value counter , PRIMARY KEY ((stud_id,stud_name),book_id,book_name,DateofIssue);
SyntaxException: line 1:194 mismatched input ',' expecting ')' (...stud_name),book_id,book_name,DateofIssue[)])
cqlsh:library> CREATE TABLE library_info(stud_id int, stud_name text, book_name text, book_id int, DateofIssue timestamp, counter_value counter , PRIMARY KEY ((stud_id,stud_name),book_id,book_name,DateofIssue);
SyntaxException: line 1:194 mismatched input ',' expecting ')' (...stud_name),book_id,book_name,DateofIssue[)])
cqlsh:library> CREATE TABLE library_info(stud_id int, stud_name text, book_name text, book_id int, DateofIssue timestamp, counter_value counter , PRIMARY KEY ((stud_id,stud_name),book_id,book_name,DateofIssue));
cqlsh:library> exit
bmsce@bmsce-Precision-T1700:~/cassandra/apache-cassandra-3.11.0/bin$ stop
Command 'stop' not found, but there are 19 similar ones.

bmsce@bmsce-Precision-T1700:~/cassandra/apache-cassandra-3.11.0/bin$ script
Script started, file is typescript
bmsce@bmsce-Precision-T1700:~/cassandra/apache-cassandra-3.11.0/bin$ script stop
Script started, file is stop
bmsce@bmsce-Precision-T1700:~/cassandra/apache-cassandra-3.11.0/bin$ exit
exit
Script done, file is stop
bmsce@bmsce-Precision-T1700:~/cassandra/apache-cassandra-3.11.0/bin$ exit
exit
Script done, file is typescript
bmsce@bmsce-Precision-T1700:~/cassandra/apache-cassandra-3.11.0/bin$ exit
exit
Script done, file is lab2.txt
bmsce@bmsce-Precision-T1700:~$
```