```
[cqlsh 5.0.1 | Cassandra 3.11.8 | CQL spec 3.4.4 | Native protocol v4]
Use HELP for help.
WARNING: pyreadline dependency missing.  Install to enable tab completion.
cqlsh>
cqlsh> create keyspace Employee with replication = {'class':'SimpleStrategy','replication_factor':3};
cqlsh> CREATE COLUMNFAMILY employee_info(emp_id INT PRIMARY KEY,emp_name VARCHAR,desgination VARCHAR,doj VARCHAR,dept_name VARCHAR,salary INT);
InvalidRequest: Error from server: code=2200 [Invalid query] message="No keyspace has been specified. USE a keyspace, or explicitly specify keyspace.
tablename"
cqlsh> use Employee;
cqlsh:employee> CREATE COLUMNFAMILY employee_info(emp_id INT PRIMARY KEY,emp_name VARCHAR,desgination VARCHAR,doj VARCHAR,dept_name VARCHAR,salary IN
T);
cqlsh:employee> describe table employee_info

CREATE TABLE employee.employee_info (
    emp_id int PRIMARY KEY,
    dept_name text,
    desgination text,
    doj text,
    emp_name text,
    salary int
) 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';

cqlsh:employee> begin batch
        ... insert into employee_info(emp_id, dept_name, designation, doj, emp_name, salary) values(120, 'IT', 'CTO', '18/10/2018', 'Sudheer',200
```

```
        ... ;
SyntaxException: line 5:133 mismatched input '00' expecting K_APPLY (...'IT','Assistant','25/07/2014','Shankar',100000)[00]...)
cqlsh:employee> begin batch
        ... INSERT INTO employee_info(emp_id,dept_name,desgination,doj,emp_name,salary)values(123,'IT','Assistant','25/07/2014','Shankar',100000)

        ... INSERT INTO employee_info(emp_id,dept_name,desgination,doj,emp_name,salary)values(122,'Maintainance','staff','10/07/2020','Sanjay',50
000)
        ... INSERT INTO employee_info(emp_id,dept_name,desgination,doj,emp_name,salary)values(121,'HR','Employee','20/11/2011','Ramesh',1500000)
        ... INSERT INTO employee_info(emp_id,dept_name,desgination,doj,emp_name,salary)values(120,'Development','CTO','10/11/2015','Ayush',200000
0)
        ... apply batch;
cqlsh:employee> select * from employee_info;

 emp_id | dept_name    | desgination | doj        | emp_name | salary
--------+--------------+-------------+------------+----------+---------
    120 | Development  |         CTO | 10/11/2015 |    Ayush | 2000000
    123 |           IT |   Assistant | 25/07/2014 |  Shankar |  100000
    122 | Maintainance |       staff | 10/07/2020 |   Sanjay |   50000
    121 |           HR |    Employee | 20/11/2011 |   Ramesh | 1500000

(4 rows)
cqlsh:employee> UPDATE employee_info SET emp_name = 'Akhil',dept_name = 'IT' WHERE emp_id = 121;
cqlsh:employee> select * from employee_info;

 emp_id | dept_name    | desgination | doj        | emp_name | salary
--------+--------------+-------------+------------+----------+---------
    120 | Development  |         CTO | 10/11/2015 |    Ayush | 2000000
    123 |           IT |   Assistant | 25/07/2014 |  Shankar |  100000
    122 | Maintainance |       staff | 10/07/2020 |   Sanjay |   50000
    121 |           IT |    Employee | 20/11/2011 |    Akhil | 1500000

(4 rows)
cqlsh:employee> ALTER TABLE employee_info ADD Project VARCHAR;
cqlsh:employee> UPDATE employee_info SET project='TIP' WHERE emp_id=120;
cqlsh:employee> UPDATE employee_info SET project='Sentiment Analysis' WHERE emp_id=121;
cqlsh:employee> UPDATE employee_info SET project='Facial recognition' WHERE emp_id=123;
cqlsh:employee> INSERT INTO employee_info(emp_id, dept_name, desgination, doj, emp_name,project,salary)values(124, 'PR','Senior Manager','8/8/2020','
```

```
 ttl(desgination)
------------------
              12

(1 rows)
cqlsh:employee> CREATE KEYSPACE Library WITH replication = {'class':'SimpleStrategy','replication_factor':3};
cqlsh:employee> use Library
          ... ;
cqlsh:library> CREATE COLUMNFAMILY library_info(stud_id uuid, counter_value counter, stud_name VARCHAR, book_name VARCHAR, book_id INT, DOI VARCHAR,
PRIMARY KEY(stud_id,stud_name,book_name,book_id,doi));
cqlsh:library> UPDATE library_info set counter_value=counter_value+1 where stud_id=uuid() and stud_name='Aditya' and book_name='Agatha Christie' and
book_id=1 and doi='01/01/2020';
cqlsh:library> UPDATE library_info set counter_value=counter_value+1 where stud_id=uuid() and stud_name='Rohit' and book_name='Web dev' and book_id=2
 and doi='01/05/2020';
cqlsh:library> select * from library_info ;

 stud_id                              | stud_name | book_name       | book_id | doi        | counter_value
--------------------------------------+-----------+-----------------+---------+------------+---------------
 8ec4de84-7435-4596-a047-8cec470ccc21 |    Aditya | Agatha Christie |       1 | 01/01/2020 |             1
 f18fbdab-e0e3-449f-b2bd-aed1d51d0954 |     Rohit |         Web dev |       2 | 01/05/2020 |             1

(2 rows)
cqlsh:library> COPY library_info (stud_id , counter_value , stud_name , book_name , book_id , doi ) TO 'C:\Users\rohit\Desktop\res.csv' WITH HEADER=T
RUE;
Using 3 child processes

Starting copy of library.library_info with columns [stud_id, counter_value, stud_name, book_name, book_id, doi].
Processed: 2 rows; Rate:       0 rows/s; Avg. rate:       0 rows/s
2 rows exported to 1 files in 4.605 seconds.
cqlsh:library> COPY library_info (stud_id , counter_value , stud_name , book_name , book_id , doi ) FROM 'C:\Users\rohit\Desktop\res.csv' WITH HEADER
=TRUE;
Using 3 child processes

Starting copy of library.library_info with columns [stud_id, counter_value, stud_name, book_name, book_id, doi].
Process ImportProcess-5:       1 rows/s; Avg. rate:       1 rows/s
PPTrocess ImportProcess-6:
rocess ImportProcess-4:
```

```
    File "C:\apache-cassandra-3.11.8-bin\apache-cassandra-3.11.8\bin\..\lib\cassandra-driver-internal-only-3.11.0-bb96859b.zip\cassandra-driver-3.11.
0-bb96859b\cassandra\io\asyncorereactor.py", line 373, in close
 File "C:\apache-cassandra-3.11.8-bin\apache-cassandra-3.11.8\bin\..\lib\cassandra-driver-internal-only-3.11.0-bb96859b.zip\cassandra-driver-3.11.0-b
b96859b\cassandra\io\asyncorereactor.py", line 373, in close
   self._connection.close()
     AsyncoreConnection.create_timer(0, partial(asyncore.dispatcher.close, self))
 File "C:\apache-cassandra-3.11.8-bin\apache-cassandra-3.11.8\bin\..\lib\cassandra-driver-internal-only-3.11.0-bb96859b.zip\cassandra-driver-3.11.0-b
b96859b\cassandra\io\asyncorereactor.py", line 373, in close
   AsyncoreConnection.create_timer(0, partial(asyncore.dispatcher.close, self))
    File "C:\apache-cassandra-3.11.8-bin\apache-cassandra-3.11.8\bin\..\lib\cassandra-driver-internal-only-3.11.0-bb96859b.zip\cassandra-driver-3.11.
0-bb96859b\cassandra\io\asyncorereactor.py", line 335, in create_timer
 File "C:\apache-cassandra-3.11.8-bin\apache-cassandra-3.11.8\bin\..\lib\cassandra-driver-internal-only-3.11.0-bb96859b.zip\cassandra-driver-3.11.0-b
b96859b\cassandra\io\asyncorereactor.py", line 335, in create_timer
   AsyncoreConnection.create_timer(0, partial(asyncore.dispatcher.close, self))
     cls._loop.add_timer(timer)
   cls._loop.add_timer(timer)
A File "C:\apache-cassandra-3.11.8-bin\apache-cassandra-3.11.8\bin\..\lib\cassandra-driver-internal-only-3.11.0-bb96859b.zip\cassandra-driver-3.11.0-
bb96859b\cassandra\io\asyncorereactor.py", line 335, in create_timer
AttributeError: 'NoneType' object has no attribute 'add_timer'
 ttributeError: 'NoneType' object has no attribute 'add_timer'
   cls._loop.add_timer(timer)
AttributeError: 'NoneType' object has no attribute 'add_timer'
Processed: 2 rows; Rate:       0 rows/s; Avg. rate:       1 rows/s
2 rows imported from 1 files in 2.383 seconds (0 skipped).
cqlsh:library> SELECT * from libraryinfo where counter_value=2 ALLOW FILTERING;
InvalidRequest: Error from server: code=2200 [Invalid query] message="unconfigured table libraryinfo"
cqlsh:library> SELECT * from library_info where counter_value=2 ALLOW FILTERING;

 stud_id                              | stud_name | book_name       | book_id | doi        | counter_value
--------------------------------------+-----------+-----------------+---------+------------+---------------
 8ec4de84-7435-4596-a047-8cec470ccc21 |    Aditya | Agatha Christie |       1 | 01/01/2020 |             2
 f18fbdab-e0e3-449f-b2bd-aed1d51d0954 |     Rohit |         Web dev |       2 | 01/05/2020 |             2

(2 rows)
cqlsh:library>
```