#### Library

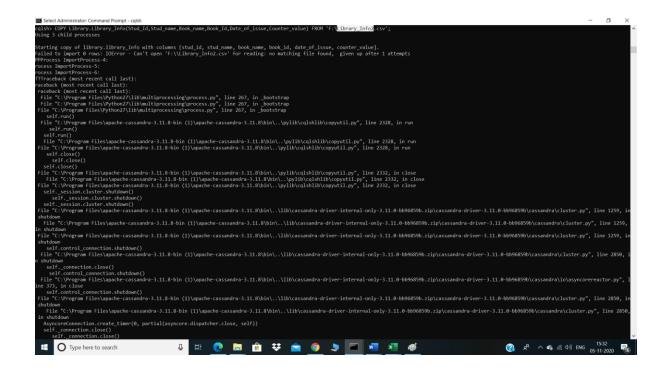
#### Create keyspace

```
cqlsh> Create Keyspace Library with replication ={'class':'SimpleStrategy', 'replication_factor':'1'} and durable_writes='true';
cqlsh> Stud_Id Primary Key, Counter_value of type Counter,Stud_Name, Book-Name, Book-Id, Date_of_issue
... 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));
SyntaxException: line 1:0 no viable alternative at input 'Stud_Id' ([Stud_Id]...)
cqlsh> 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));
InvalidRequest: Error from server: code=2200 [Invalid query] message="No keyspace has been specified. USE a keyspace, or explicitly specify keyspace.tablename"
cqlsh> CREATE TABLE Library_Library_Info(Stud_Id int,Stud_name,Book_name,Book_Id,Date_of_issue));
```

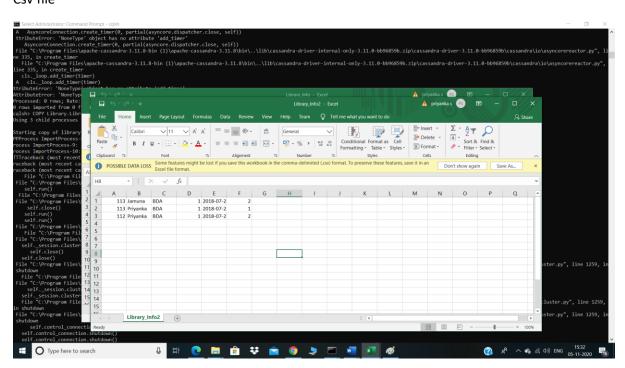
## Inserting values, updating counter, and student with id 112 has taken a book "BDA" 2 times.

```
cqlsh> select * from Library.library_info;
 stud_id | stud_name | book_name | book_id | date_of_issue
                                                                            | counter_value
                                        1 | 2018-07-22 18:30:00.000000+0000
            Jamuna
                                        1 | 2018-07-22 18:30:00.000000+0000
          Priyanka
cqlsh> UPDATE Library.library_info SET counter_value = counter_value+1 WHERE stud_id=112 and stud_name='Priyanka' and book_name='BDA' and book_id='1' and date_of_issue='2018-07-23';
qlsh> UPDATE library_info SET counter_value = counter_value+1 WHERE stud_id=113 and stud_name='Priyanka' and book_name='BDA' and book_id='1' and date_of_issue='2018-07-23';
 nvalidRequest: Error from server: code=2200 [Invalid query] message="No keyspace has been specified. USE a keyspace, or explicitly specify keyspace.tablename"
qlsh> UPDATE Library.library_info SET counter_value = counter_value+1 MHERE stud_id=113 and stud_name='Priyanka' and book_name='BDA' and book_id='1' and date_of_issue='2018-07-23';
:qlsh> select * from Library.library_info;
 stud_id | stud_name | book_name | book_id | date_of_issue
                                                                            | counter_value
                                        1 | 2018-07-22 18:30:00.000000+0000
             Jamuna
                                        1 | 2018-07-22 18:30:00.000000+0000
                            BDA
          Priyanka
                                        1 | 2018-07-22 18:30:00.000000+0000
          Priyanka
 3 rows)
 qlsh> select * from Library.library_info where stud_id=112;
 stud id | stud name | book name | book id | date of issue
                                                                            | counter_value
    112 | Priyanka |
                                       1 | 2018-07-22 18:30:00.000000+0000 |
```

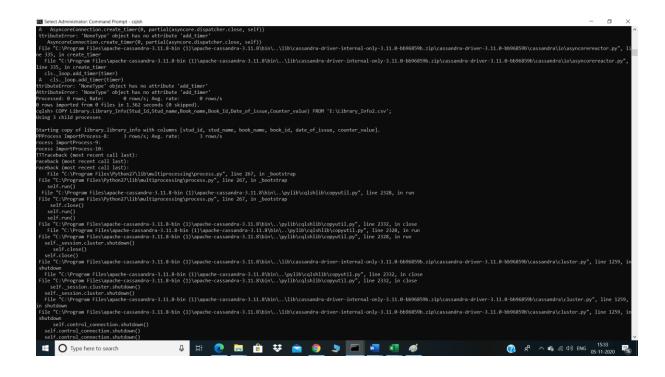
## **Export**



## Csv file



# Import



qlsh> select * from Library.Library_info;					
stud_id	stud_name	book_name	book_id	date_of_issue	counter_value
113   113	Jamuna Priyanka	BDA   BDA	1   1	2018-07-22 18:30:00.000000+0000 2018-07-22 18:30:00.000000+0000	+   4   2
112	Priyanka	BDA	1	2018-07-22 18:30:00.000000+0000	4
3 rows) qlsh>					
413117					