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Program 2:

1 Create a key space by name Library

```
use near for nearp.

cqlsh> create keyspace library with replication ={ 'class' : 'SimpleStrategy' , 'replication_factor' : 1 };

cqlsh> describe library

CREATE KEYSPACE library WITH replication = {'class': 'SimpleStrategy', 'replication_factor': '1'} AND durable_writes = true;

cqlsh>
```

2. Create a column family by name Library-Info with attributes Stud_Id Primary Key, Counter_value of type Counter,

Stud_Name, Book-Name, Book-Id, Date_of_issue

```
cqlsh> create table library.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> select * from library.libray_info;
InvalidRequest: Error from server: code=2200 [Invalid query] message="unconfigured table libray_info"
cqlsh> select * from library.library_info;
stud_id | stud_name | book_name | date_of_issue | book_id | counter_value

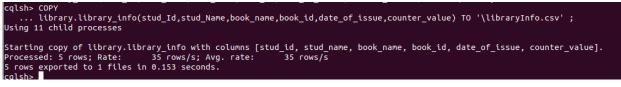
(0 rows)
cqlsh>
```

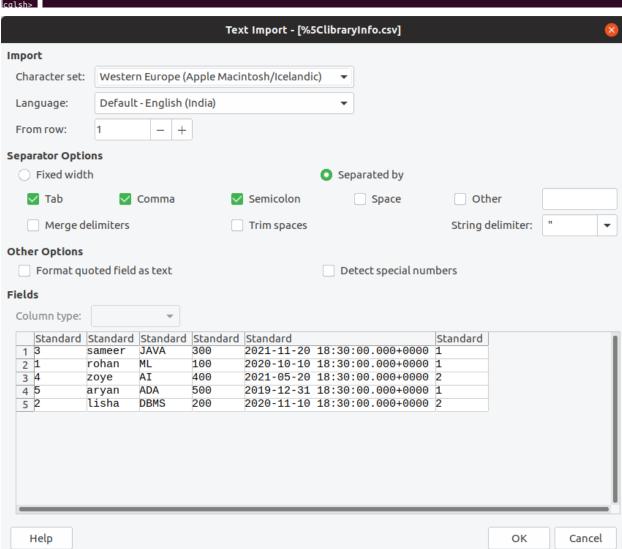
Insert the values into the table in batch

4. Display the details of the table created and increase the value of the counter

5. Write a query to show that a student with id 2 has taken a book "DBMS" 2 times.

6. Export the created column to a csv file





7. Import a given csv dataset from local file system into Cassandra column family