1. Create a keyspace by name Library

```
cqlsh> CREATE keyspace "library" WITH replication={'class':'SimpleStrategy','replication_factor
':1};
cqlsh> DESCRIBE keyspaces;
"Student" system_auth library system_distributed system_traces
system_schema system student employee
cqlsh> USE library;
```

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:library> CREATE COLUMNFAMILY libraryInfo(id INT,studentName TEXT, bookName TEXT,bookID IN T, dateofIssue DATE, counterValue COUNTER, PRIMARY KEY(id,studentName,bookName,bookID,dateofIssue));
```

3. 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 112 has taken a book "BDA" 2 times.

6. Export the created column to a csv file

```
cqlsh:library> COPY libraryInfo TO './library.csv' WITH HEADER=TRUE;
Using 1 child processes

Starting copy of library.libraryinfo with columns [id, studentname, bookname, bookid, dateofiss ue, countervalue].

Processed: 4 rows; Rate: 4 rows/s; Avg. rate: 7 rows/s
4 rows exported to 1 files in 0.659 seconds.
```

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

```
cqlsh:library> COPY libraryInfo FROM './library.csv' WITH HEADER=TRUE;
Using 1 child processes
Starting copy of library.libraryinfo with columns [id, studentname, bookname, bookid, dateofiss
ue, countervalue].
Processed: 4 rows; Rate: 7 rows/s; Avg. rate: 1
4 rows imported from 1 files in 0.368 seconds (0 skipped).
cqlsh:library> SELECT * FROM libraryInfo;
           Divyanshu
                                 BDA
                                             10
                                                     2020-08-18
                 J0hn
Dex
                                                     2020-04-18
                                                     2020-05-17
                  JOhn
 112
                                                     2020-04-18
(4 rows)
cqlsh:library>
```