8/4/25

Lab-4
CQLSH

1. Create a keyspace by name library

cqlsh> CREATE KEYSPACE library with application =
{'class' : 'SimpleStrategy', 'replication-factor' : 1};

2. cqlsh> library

library > create table library_info (stud_id
int, stud_name text, book_name text, book_id
text, date_of_issue date, primary key (
stud_id, book_id));

library> create table book_counter (stud_id
int, book_name text, counter_value
counter, primary key (stud_id, book_name))

library> begin batch
   insert into library_info (stud_id,
   stud_name, book_name, book_id, date_of_
   issue) values (112, 'alice', 'bda',
   '2025-04-07');
   insert into library_info (stud_id,
   stud_name, book_name, book_id, date_of
   values (113, 'bob', 'ads', 'b102',
   '2025-04-07');
   apply batch;

library> select * from library_info;

stud_id	book_id	book_name	date_of_issue	stud_name
113	b102	ads	2025-04-07	bob
112	b101	bda	2025-04-07	alice

update book_counter set counter_value = counter value+1 where stud_id=112 and book_name='bo..
update book counter set counter_value = counter value+1 where stud_id = 112 and book name='boo'
update book counter set counter value= counter value+1 where stud_id=113 and book_name= 'ads'.

EXPORT
cqlsh -e "COPY library.Library_info to 'library_info.csv' with HEADER=TRUE"

IMPORT
cqlsh -e "COPY library.Library_info from 'newfile.csv' with header=true';