

11

1) Create keyspace 'Library' with replication  
{ 'class': 'SimpleStrategy', 'replication\_factor': 3 }

2)

Create table LibraryInfo (Student Id int  
primary key, Counter value counter,  
Student Name, Book Name / Book Id /,  
Student Name text, Book Name text, Book Id int,  
date of issue date) primary key (Student Id,  
Student Name, Book Name, Book Id);

3)

BEGIN BATCH

Insert into LibraryInfo (Student Id, Counter value

update LibraryInfo set counter value =  
counter value + 1 where Student Id = 112 and  
Student Name = 'Mohan' and Book Name = 'BDA'  
and Book Id = 220 and date of issue = '2022-2-2';

update LibraryInfo set counter value =  
counter value + 1 where Student Id = 120 and  
Student Name = 'Vignitha' and Book Name = 'BDA'  
and Book Id = 221 and date of issue = '2022-2-2';



5)

select \* from Library-Info;

update Library-Info set counter = counter + 1  
where Student-id = 120 and Student-name = 'Varghese'  
and book-name = 'BDA' and book-id = 220 and date-of-issue = '2000-01-01';

select sum(counter-value)  
select count(\*) from Library-Info where  
Student-id = 110 and Student-name = 'Mohan'  
and book-name = 'BDA' and book-id = 220;

6) Copy Library-Info (Student Id, Student Name,  
Book Name, Book ID, Date of issue, counter-value)  
to Output.csv;

7)

create table library-output (Student ID int,  
counter-value counter, Student Name text,  
Book Name text, book Id int, date-of-issue date,  
primary key (Student ID), Student name, book name,  
book id, date of issue);

copy library-output from 'Output.csv' with  
HEADER = TRUE;

select \* from library-output;