

9/11/2020

BDA-LAB

Shubha D Madival

IBM17CS100

Program 2

- 1) Create keyspace library with replication =
 { 'class' : 'SimpleStrategy',
 'replication-factor': 1 } and durable-writes="true";
- 2) Create table library-info (stud_id int, counter_value counter, Stud_Name text, Book_Name text, Book_id int, Date_of_issue timestamp, primary key (stud_id, Book_id, Stud_Name, Book_Name, Date_of_issue));
- 3) > update library-info set counter_value = counter_value + 1
 where stud_name = 'AB' and stud_id = 111 and Book_id = 1
 and Book_name = 'DSR' and Date_of_issue = '2020-01-18';

 > update library-info set counter_value = counter_value + 1
 where stud_name = 'CD' and stud_id = 112 and Book_id = 2
 and Book_name = 'BDA' and Date_of_issue = '2020-02-10';

 > update library-info set counter_value = counter_value + 1
 where stud_name = 'CD' and stud_id = 112 and Book_id = 2
 and Book_name = 'BDA' and Date_of_issue = '2020-05-11';

 > update library-info set counter_value = counter_value + 1
 where stud_name = 'Tanusha' and stud_id = 115 and
 Book_id = 5 and Book_name = 'SAM' and Date_of_issue = '2020-12-01';
- 4) > Select * from libraryInfo;
 > update library-info set counter_value = counter_value + 1
 where stud_name = 'AB' and stud_nameid = 111 and
 Book_id = 1 and Book_name = 'DSR' and Date_of_issue = '2020-01-18';

Shubha

9/11/2020

Shubha D Madival

IBM17CS100

> update library-info set counter_value = counter_value + 1
where stud_name = 'CD' and stud_id = 112 and
Book_id = 2 and Book_name = 'BDA' and Date_of-
issue = '2020-02-10';

> update library-info set counter_value = counter_value + 1
where stud_name = 'CD' and stud_id = 112 and
Book_id = 2 and Book_name = 'BDA' and Date_of-
issue = '2020-05-11';

> update library-info set counter_value = counter_value + 1
where stud_name = 'Tanusha' and stud_id = 115 and
Book_id = 5 and Book_name = 'SOM' and Date_of-
issue = '2020-12-01';

> select * from library-info;

5) select Book_name, counter_value from library-info
where stud_id = 112;

6) Copy library-info (stud_id, counter_value, stud_name,
Book_id, Book_name, Date_of-issue)
To 'F:/BDA/shubha.csv';

7) Create table library-info new (stud_id int, counter_value counter,
stud_name text, Book_id int, Book_name text,
Date_of-issue timestamp, primary key (stud_id, stud_name,
Book_id, Book_name, Date_of-issue));

8) > Copy library-info new (stud_id, counter_value, stud_name,
Book_id, Book_name, Date_of-issue)
from 'F:/BDA/shubha.csv';

