

Name:- Rounak Kumar Kedia

USN:- 18M17CS082

Lab :- Lab 7

①. CREATE KEYSPACE Employee WITH replication = { 'class':  
'SimpleStrategy', 'replication-factor': 3 };

CREATE COLUMN-FAMILY employee\_info (Emp-id INT PRIMARY KEY,  
Emp-name VARCHAR, Designation VARCHAR, Date-of-Joining  
VARCHAR, salary FLOAT, Dept-name VARCHAR);

BEGIN BATCH

INSERT INTO employee\_info (emp-id, emp-name, designation,  
date-of-joining, salary, dept-name) values (119, 'Rounak', 'CEO',  
'01/06/2020', 10000, 'IT');

....

APPLY BATCH;

UPDATE employee\_info SET emp-name = 'Rounak', dept-name = 'IT'  
WHERE emp-id = 121;

SELECT \* FROM employee\_info;

ALTER TABLE employee\_info ADD PROJECT SET<VARCHAR>;

~~UPDATE employee\_info SET emp-id = 122, emp-name =~~

UPDATE employee\_info SET project = project + ('Covid-19', 'BDA')  
WHERE emp-id = 122;

INSERT INTO employee\_info [...] values (123, 'Rounak',  
'Manager', '01/06/2020', 10000, 'IT') USING TTL 15;

SELECT TTL(designation) FROM employee\_info where  
emp-id = 123;

② CREATE KEY SPACE library WITH replication = 1 'class: SimpleStrategy',  
'replication-factor': 3;

use library;

CREATE COLUMNFAMILY library-info (stud-id int, counter-value counter,  
stud-name VARCHAR, book-name VARCHAR, book-id INT, doi  
VARCHAR, PRIMARY KEY(stud-id, stud-name, book-id, book-name, doi));

UPDATE library-info set counter-value = counter-value + 1 where  
stud-id = 112 and stud-name = 'Rounak' and book-name = 'QA' and  
book-id = 1 and doi = '01/01/2020';

select \* FROM library-info WHERE stud-id = 112;

COPY library-info (stud-id, counter-value, stud-name, book-name,  
book-id, doi) TO 'library.csv' WITH HEADER = TRUE;

COPY library-info ( "  
— ) FROM 'library.csv' WITH HEADER = TRUE;

SELECT \* FROM library-info;