

EmployeesLab-6

```
CREATE KEYSPACE Employees with replication =  
{ 'class': 'SimpleStrategy', 'replication-factor': 3 };
```

```
CREATE COLUMNFAMILY 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 (101, 'Arun', 'Technical  
lead', '01/01/2016', 10000, 'IT'); INSERT INTO  
employee-info (Emp-id, Emp-name, Designation,  
Date-of-joining, Salary, Dept-name) values  
(102, 'Ravi', 'CEO', '19/07/2014', 40000, 'IT');  
APPLY BATCH;
```

```
UPDATE employee-info SET Emp-name = 'Rohit  
kumar', Dept-name = 'HR' where Emp-id = 104;
```

```
ALTER TABLE employeeinfo ADD PROJECT SET<VAR  
CHAR>;
```

Date ____/____/____

```
UPDATE employee-info SET project = project  
+ ' Covid-19', 'BDA Analysis' where  
emp_id = 101;
```

```
BEGIN BATCH INSERT INTO employee-info  
(Emp_id, Emp_name, Designation, Date of  
joining, Salary, Dpt_name) values (105,  
'Ajit', 'Manager', '11/06/2015', 10000, 'IT')  
USING TTL 60; APPLY BATCH;
```

```
SELECT TTL(designation) FROM employee-info  
where emp_id = 105;
```

Library

```
Create keyspace Library with replication  
= { 'class': 'SimpleStrategy', 'replication_factor':  
3 };  
use Library;
```


CREATE COMPANITIONUP library-info (stud_id, unid, counter_value counter, stud_name VARCHAR, book_name VARCHAR, book_id INT, DOI VARCHAR, PRIMARY KEY (stud_id, stud_name, book_name, book_id, doi));

UPDATE library-info SET counter_value = counter_value + 1 where stud_id = unid() and stud_name = 'ABE' and book_name = 'BDA' and book_id = 2 and doi = '01/06/2002';

UPDATE library-info SET counter_value = counter_value + 1 where stud_id = unid() and stud_name = 'PQR' and book_name = 'WEB' and book_id = 2 and doi = '05/06/2008';

Select * from library-info where counter_value = 2 allow filtering;

COPY

library.info (stud-id, counter value, stud.name,
book name, book-id, doi) To 'C:/Users/ps
/Desktop/20.csv' WITH HEADER = TRUE;

COPY

library.info (stud-id, counter value, stud.name,
book name, book-id, doi) FROM
'C:/Users/ps/Desktop/20.csv' WITH
HEADER = TRUE;