

1.

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CREATE KEYSPACE Employee WITH replication =
{'class':'SimpleStrategy','replication_factor':3};
CREATE COLUMNFAMILY employee_info(emp_id INT PRIMARY
KEY,emp_name VARCHAR,desgination VARCHAR,doj
VARCHAR,dept_name VARCHAR,salary INT);
BEGIN BATCH
INSERT INTO
employee_info(emp_id,dept_name,desgination,doj,emp_name,salary)val
ues(120,'Development','CTO','10/11/2015','Ayush',2000000);
INSERT INTO
employee_info(emp_id,dept_name,desgination,doj,emp_name,salary)val
ues(121,'HR','Employee','20/01/2011','Raghav',1500000);
INSERT INTO
employee_info(emp_id,dept_name,desgination,doj,emp_name,salary)val
ues(122,'Maintainance','staff','10/07/2020','Sanjay',50000);
INSERT INTO
employee_info(emp_id,dept_name,desgination,doj,emp_name,salary)val
ues(123,'IT','Assistant','25/07/2014','Tanya',100000);

APPLY BATCH;

select * from employee_info;

UPDATE employee_info SET emp_name = 'Aakash',dept_name = 'IT'
WHERE emp_id = 121;

select * from employee_info;

ALTER TABLE employee_info ADD Project VARCHAR;
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UPDATE employee_info SET project='TIP' WHERE emp_id=120;
UPDATE employee_info SET project='Sentiment Analysis' WHERE
emp_id=121;
UPDATE employee_info SET project='Facial recognition' WHERE
emp_id=123;
INSERT INTO employee_info(emp_id, dept_name, designation, doj,
emp_name,project,salary)values(124, 'PR','Senior
Manager','8/8/2020','Load balancing server','Abhi',20000) USING TTL 60;
SELECT TTL(designation) FROM employee_info where emp_id=124;

```

2.

```

CREATE COLUMNFAMILY libraryinfo(stud_id uuid, 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 libraryinfo set counter_value=counter_value+1 where
stud_id=cdd43759-bc64-4119-91bf-3e9ec59ca966 and stud_name='Anjali'
and book_name='malgudi' and book_id=1 and doi='1/2/2020';
UPDATE libraryinfo set counter_value=counter_value+1 where
stud_id=uuid() and stud_name='Ayush' and book_name='Hardy boys' and
book_id=1 and doi='1/2/2020';
UPDATE libraryinfo set counter_value=counter_value+1 where
stud_id=uuid() and stud_name='meghna' and book_name='BDA' and
book_id=1 and doi='1/2/2020';
select * from libraryinfo;
UPDATE libraryinfo set counter_value=counter_value+1 where
stud_id=a56165fc-11c0-4e47-ba0b-e4ad8dd7b69d and
stud_name='meghna' and book_name='BDA' and book_id=1 and
doi='1/2/2020';
select * from libraryinfo;

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SELECT * from libraryinfo where counter_value=2 ALLOW FILTERING;
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```
CAPTURE
```

```
CAPTURE 'C:\Users\Romil Balar\Documents\BMSCE\BDA\user.csv';
```

```
select * from libraryinfo;
```