Exp - 1

1. Create a keyspace called Employee.

→ create KEYSPACE Employee with replication = { 'class': 'SimpleStrategy', 'replication - factor': '3' };

2. Create a Column family by name employee - info with attributes emp - id (Primary key), Emp- Name, Designation, Date of - Joining, Salary, Dept - Name.

→ create table emp - info (emp - id int, emp - name text, designation text, date - of - joining date, salary int, dept - name text, PRIMARY KEY (emp - id, salary));

3. Insert values in batch

→ BEGIN BATCH.
insert into emp - info (emp - id, emp - name, designation, date - of - joining, salary, dept - name) VALUES (120, 'Kratharth', 'Assistant Manager', '2017 - 10 - 12', 5000, 'Sales');

```
insert into emp_info (emp_id,
emp_name, designation, date_of_
joining, salary, dept_name) VALUES
(121, 'Kedar', 'Assistant Regional
Manager', '2017-10-10', 60000, 'Marketi
ng');

insert into emp_info (emp_id, emp_
name, designation, date_of_joining,
salary, dept_name) VALUES (122,

'Krishna', 'Regional Manager', '2015-5-10',
55000, 'Engineering');

APPLY BATCH;
```

4. Update the Employee name and Department of id 121.

```
→ update emp_info SET
emp_name = 'Abhilash', dept_name
= 'QA'  WHERE  emp_id = 121  AND
salary = 60000;
```

5. Sort the details of Employee records based on salary.

```
→ select * from emp_info
ORDER BY salary ASC;
```

6. Alter the schema of the table Employee_info to add a column Projects which stores a set of Projects done by the corresponding Employee

→ ALTER TABLE emp_info add projects text ;

To view the info :-

→ Select * from emp_info

7. Update the altered table to add project names.

→ UPDATE emp_info set projects = 'A, B, C' where emp_id = 121 And salary = 60000 ;

→ Select * from emp_info;

8. Create a TTL of 15 seconds to display the values of Employees

→ insert into emp_info (emp_id, emp_name, designation, date_of_joining, salary, dept_name) VALUES (125, 'ABC', 'Assistant Manager', '2017-10-13', 60000, 'Salaries') using TTL 15;
// After 60 Seconds
→ select * from emp_info;