**EMPLOYEE**

1. Create a keyspace by name Employee

create keyspace employee with replication = {'class': 'SimpleStrategy', 'replication\_factor': 1};

use employee;

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 employeeinfo(emp\_id int primary key, emp\_name text, designation text, doj timestamp, salary double, dept\_name text);

1. Insert the values into the table in batch

begin batch

... insert into employeeinfo(emp\_id, emp\_name, designation, doj, salary, dept\_name) values (1, 'rash', 'Data analyst', '2018-07-07', 4500.50, 'Corporate');

... insert into employeeinfo(emp\_id, emp\_name, designation, doj, salary, dept\_name) values (121, 'Chaitra', 'web design', '2019-08-06', 3330.80, 'web\_designer');

... apply batch;

select \* from employeeinfo;

1. Update Employee name and Department of Emp-Id 121

update employeeinfo set emp\_name = 'sana', dept\_name = 'Management' where emp\_id = 121;

select \* from employeeinfo;

1. 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 employeeinfo add projects set<text>;

1. Update the altered table to add project names.

update employeeinfo set projects = {'project1', 'project2'} where emp\_id in(1,121);

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

begin batch

... insert into employeeinfo(emp\_id, emp\_name, designation, doj, salary, dept\_name) values (121, 'Raj', 'MTO', '2015-09-12', 12212, 'Corporate') using ttl 15;

... apply batch;

select ttl(designation) from employeeinfo where

emp\_id = 121;