

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, 'Meghana H-1', 'Assistant Manager',
'2017-10-12', 50000, 'Sales');

insert into emp-info (emp-id, emp-name, designation, date-of-joining, salary, dept-name)
VALUES (121, 'Disha', 'Software engineer',
'2017-10-11', 6000, 'HR');

.....
APPLY BATCH;

4) update the Employee name and Department of id. 121.

→ update emp-info SET emp-name = 'chaitra',
dept-name = 'QA' where emp-id = 121
AND salary = 6000;

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;

View:- 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, 'DEE', 'Assistant Manager', '2017-10-10', 6000, 'Salaries') using TTL 15;

|| After 60 seconds.

→ select * from emp-info;