Poorna Vishwanath
IBM17CS061

LAB PROGRAM 6

```
CREATE KEYSPACE Employee with replication
              = {'clan: 'Simple Strategy', 'replication_factor': 1}


use employee;
CREATE COLUMN FAMILY Employee_Info {
              ... Emp_Id int PRIMARY_KEY,
              ... Emp_name text,
              ... Designation text,
              ... DOJ    text,
              ... salary float,
              .- Dept_Name text );


describe employee_info


CREATE TABLE employee. employee_info (
    emp-id   int PRIMARY KEY
    Emp-name    text,
    Designation text,
    DOJ text,
    emp_name    text
    salary float )


BEGIN  BATCH  INSERT INTO employee_info (emp-id, emp-name,
                   designation, doj, salary, dept_name)


cqlsh: employee > SELECT * from employee_info;
```

> update employee_info set emp_name = 'Poorna', dept_name = 'deployment'
       where emp-id = 121;

   Select * from employee-info;

> alter table employee-info add projects set <text>;

   SELECT * from employee_info;

> update employee_info set projects = {'ML', 'Algo'} where emp-id=234;

   SELECT * from employee-info;

> INSERT INTO employee_info (emp-id, emp-name, designation, doj,
                    salary, dept_name)

       VALUES (371, 'Bharath', 'Manager', '12-10-2015', 18000,
                                                  'tech')

       USING TTL 25;

   SELECT ttl (emp-name) from employee-info where emp-id = 371;

_____ 2nd Program _____

CREATE COLUMNFAMILY Library_info (
         counter_value   counter,
         student_id   int ,
         stud_name   VARCHAR,
         book_name   VARCHAR,
         book_id   int,
         date_of_issue   varchar,
         PRIMARY KEY (student_id, stud_name, book_name,
                      book-id, date_of issue));

> UPDATE library_info SET counter_value = counter_value + 1
     WHERE student_id = 2 AND stud_name = 'bharath' AND
       book_name = 'Old One' AND book_id = 123 AND
       date_of_issue = '08-1-2014';

   SELECT * from library_info;

> select book_name, counter_value from library_info where
                 student_id = 2;

> copy library_info (counter_value, student_id, stud_name, book_name,
              book_id, date_of_issue) to
                  '/home / Poorna / Destop_library_info';

> more copy library_imported from 'Desktop_library_info.csv';