NAME: NIHARIKA B S USN: 1BM19CS100

## BDA LAB 3

Program 1. Perform the following DB operations using Cassandra.

Create a key space by name Employee

```
cqlsh> CREATE KEYSPACE Employeee WITH replication={'class':'SimpleStrategy','replication_factor':1};
cqlsh> describe Employeee;
CREATE KEYSPACE employeee WITH replication = {'class': 'SimpleStrategy', 'replication_factor': '1'} AND durable_writes = true;
```

Create a column family by name Employee-Info with attributes Emp\_Id Primary Key, Emp\_Name, Designation, Date\_of\_Joining, Salary, Dept\_Name

cqlsh> create table Employeee.Employee\_info(Emp\_id int Primary Key,Emp\_name text,Designation text,Date\_of\_joining timestamp,Salary double,Dept\_name text);

Insert the values into the table in batch

## Update Employee name and Department of Emp-Id 121

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

Update the altered table to add project names.

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