Lab program- Week 4

Perform the following DB operations using Cassandra.

1.Create a keyspace by name 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 if not exists Employee.Employee\_info ( Emp\_Id int primary key, Emp\_Name text, Designation text, Date\_of\_Joining date, salary decimal, Dept\_Name text );

3. Insert the values into the table in batch

cqlsh> begin batch insert into Employee.Employee\_Info (Emp\_Id, Emp\_Name, Designation, Date\_of\_Joining, salary, Dept\_Name) values (101, 'John Doe', 'Manager', '2024-01-15', 50000, 'Engineering'); apply batch;

cqlsh> begin batch insert into Employee.Employee\_Info (Emp\_Id, Emp\_Name, Designation, Date\_of\_Joining, salary, Dept\_Name) values (102, 'Jane Smith', 'Developer', '2024-02-20', 40000, 'Engineering'); apply batch;

cqlsh> use Employee;

cqlsh:employee> begin batch insert into Employee.Employee\_Info (Emp\_Id, Emp\_Name, Designation, Date\_of\_Joining, salary, Dept\_Name) values (121, 'Alice Johnson', 'Analyst', '2024-03-10', 45000, 'Marketing'); apply batch;

4. Update Employee name and Department of

Emp-Id 103

update Employee\_info set Emp\_Name = 'Alice Brown', Dept\_Name = 'Sales' where Emp\_Id = 103;

