

4) Update

Update Employee Info
Set Emp Name = 'Alice Smith', Dept Name
= 'sale' where emp ID = 121;

Lab - 5

1) Perform the following using cassandra

Sort the details of employees, records based on salary.

> Paging off

> Select * from employee info where emp id in (121, 122, 123, 124) order by salary desc;

6) Alter the schema of the table employee info to add a column projects which stores a set of projects done by corresponding employee

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

> update employee info set projects = projects + { email spam detection, student portal } where emp id = '121' and salary = 10000;

2) Perform the following DB operations using cassandra

1) Create a keyspace by name library

> Create keyspace library with replication -

```
{ class : 'SimpleStrategy',
  'replication factor' : 1 }
```

→ use library

2) Create a column family name library info with attributes loc id, counter-value, stud name, book name, book-id, date of users

→ Create table library info (stud-id int, counter-value counter, stud name text, book name text, book-id text, date of users timestamp, primary key (stud-id, stud name, book name, book-id, date of users)).

3) Display the details of the table & increment the counter.

Select → from library info
update library info set counter value = counter value + 1 where stud-id = '11' and stud name = 'Riya' and book name = 'BDA' and date of issue = '2024-06-09';

4. Write a query to show that students with id 112 has taken books 2 times

select * from library_info where stud_id = 112

5) import the csv file

copy library_info with columns (stud_id, book_id, stud_name, book_name) from 'home/bmsce/library_info.csv'