

LAB RECORD

1BM19CS194

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6-D

LAB4

```
cqlsh:employee> CREATE KEYSPACE employee WITH REPLICATION={ 'class' : 'SimpleStrategy',
'replication_factor' : 1};
cqlsh:employee> USE employee;
cqlsh:employee> create table employee_info(emp_id int PRIMARY KEY, emp_name text,
... designation text, date_of_joining timestamp, salary double PRIMARY KEY, dept_name text);
cqlsh:employee> CREATE TABLE employee_info(emp_id int, emp_name text, designation text,
date_of_joining timestamp, salary double, dept_name text, PRIMARY KEY(emp_id, salary));
cqlsh:employee> BEGIN BATCH INSERT INTO
... employee_info(emp_id,emp_name,designation,date_of_joining,salary,dept_name)
... VALUES(100,'Jogesh','MANAGER','2021-09-11',30000,'TESTING');
... INSERT INTO
... employee_info(emp_id,emp_name,designation,date_of_joining,salary,dept_name)
... VALUES(111,'Tamara','ASSOCIATE','2021-06-22',25000,'DEVELOPING');
... INSERT INTO
... employee_info(emp_id,emp_name,designation,date_of_joining,salary,dept_name)
... VALUES(121,'Elenor','MANAGER','2021-03-30',35000,'HR');
... INSERT INTO
... employee_info(emp_id,emp_name,designation,date_of_joining,salary,dept_name)
... VALUES(115,'Charu','ASSISTANT','2021-12-30',20000,'DEVELOPING');
... INSERT INTO
... employee_info(emp_id,emp_name,designation,date_of_joining,salary,dept_name)
... VALUES(105,'Santosh','ASSOCIATE','2021-06-25',25000,'TESTING');
... APPLY BATCH;
cqlsh:employee> SELECT * FROM employee_info
... ;
```

emp_id	salary	date_of_joining	dept_name	designation	emp_name
105	25000	2021-06-24 18:30:00.000000+0000	TESTING	ASSOCIATE	Santosh
111	25000	2021-06-21 18:30:00.000000+0000	DEVELOPING	ASSOCIATE	Tamara
121	35000	2021-03-29 18:30:00.000000+0000	HR	MANAGER	Elenor
115	20000	2021-12-29 18:30:00.000000+0000	DEVELOPING	ASSISTANT	Charu
100	30000	2021-09-10 18:30:00.000000+0000	TESTING	MANAGER	Jogesh

(5 rows)

```
cqlsh:employee> UPDATE employee_info SET emp_name = 'Jayesh', dept_name = 'DEVELOPING'
WHERE emp_id = 121;
cqlsh:employee> UPDATE employee_info SET emp_name = 'Jayesh', dept_name = 'DEVELOPING'
WHERE emp_id = 121 AND salary = 35000;
cqlsh:employee> SELECT * FROM employee_info ;
```

emp_id	salary	date_of_joining	dept_name	designation	emp_name
105	25000	2021-06-24 18:30:00.000000+0000	TESTING	ASSOCIATE	Santosh
111	25000	2021-06-21 18:30:00.000000+0000	DEVELOPING	ASSOCIATE	Tamara
121	35000	2021-03-29 18:30:00.000000+0000	DEVELOPING	MANAGER	Jayesh
115	20000	2021-12-29 18:30:00.000000+0000	DEVELOPING	ASSISTANT	Charu
100	30000	2021-09-10 18:30:00.000000+0000	TESTING	MANAGER	Jogesh

(5 rows)

```
cqlsh:employee> SELECT * FROM employee_info WHERE emp_id in (105, 111, 121, 115, 100) order
by salary;
cqlsh:employee> paging off
Disabled Query paging.
cqlsh:employee> SELECT * FROM employee_info WHERE emp_id in (105, 111, 121, 115, 100) order
by salary;
```

emp_id	salary	date_of_joining	dept_name	designation	emp_name
115	20000	2021-12-29 18:30:00.000000+0000	DEVELOPING	ASSISTANT	Charu
105	25000	2021-06-24 18:30:00.000000+0000	TESTING	ASSOCIATE	Santosh
111	25000	2021-06-21 18:30:00.000000+0000	DEVELOPING	ASSOCIATE	Tamara
100	30000	2021-09-10 18:30:00.000000+0000	TESTING	MANAGER	Jogesh
121	35000	2021-03-29 18:30:00.000000+0000	DEVELOPING	MANAGER	Jayesh

(5 rows)

```
cqlsh:employee> ALTER TABLE employee_info ADD projects text;
cqlsh:employee> UPDATE employee_info SET projects = 'Chat App' WHERE emp_id = 111;
cqlsh:employee> UPDATE employee_info SET projects = 'Chat App' WHERE emp_id = 111 and salary
= 25000;
cqlsh:employee> UPDATE employee_info SET projects = 'Discord Bot' WHERE emp_id = 115 and
salary = 20000;
cqlsh:employee> UPDATE employee_info SET projects = 'Campus Portal' WHERE emp_id = 105 and
salary = 25000;
cqlsh:employee> UPDATE employee_info SET projects = 'YouTube Downloader' WHERE emp_id =
100 and salary = 30000;
cqlsh:employee> UPDATE employee_info SET projects = 'Library Management System ' WHERE
emp_id = 121 and salary = 35000;
cqlsh:employee> SELECT * FROM employee_infor
... ;
cqlsh:employee> SELECT * FROM employee_info ;
```

emp_id	salary	date_of_joining	dept_name	designation	emp_name	projects
105	25000	2021-06-24 18:30:00.000000+0000	TESTING	ASSOCIATE	Santosh	Campus Portal
111	25000	2021-06-21 18:30:00.000000+0000	DEVELOPING	ASSOCIATE	Tamara	Chat App
121	35000	2021-03-29 18:30:00.000000+0000	DEVELOPING	MANAGER	Jayesh	Library Management System
115	20000	2021-12-29 18:30:00.000000+0000	DEVELOPING	ASSISTANT	Charu	Discord Bot
100	30000	2021-09-10 18:30:00.000000+0000	TESTING	MANAGER	Jogesh	YouTube Downloader

(5 rows)

```
cqlsh:employee> NSERT INTO
... employee_info(emp_id,emp_name,designation,date_of_joining,salary,dept_name)
...
... ;
cqlsh:employee> INSERT INTO
... employee_info(emp_id,emp_name,designation,date_of_joining,salary,dept_name)
... VALUES(110,'SAM','ASSOCIATE','2021-01-11',28000,'TESTING') USING TTL 15;
cqlsh:employee> SELECT TTL(emp_name) from employee_info WHERE emp_id = 110;
```

t1(emp_name)

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3
```

(1 rows)

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

emp_id	salary	date_of_joining	dept_name	designation	emp_name	projects
105	25000	2021-06-24 18:30:00.000000+0000	TESTING	ASSOCIATE	Santosh	Campus Portal
111	25000	2021-06-21 18:30:00.000000+0000	DEVELOPING	ASSOCIATE	Tamara	Chat App
121	35000	2021-03-29 18:30:00.000000+0000	DEVELOPING	MANAGER	Jayesh	Library Management System
115	20000	2021-12-29 18:30:00.000000+0000	DEVELOPING	ASSISTANT	Charu	Discord Bot
100	30000	2021-09-10 18:30:00.000000+0000	TESTING	MANAGER	Jogesh	YouTube Downloader

(5 rows)