

```
cqlsh> CREATE KEYSPACE employee WITH REPLICATION={ 'class' : 'SimpleStrategy', 'replication_factor' : 1};
cqlsh> USE employee;
```

```
cqlsh:employee> create table employee_info(emp_id int PRIMARY KEY, emp_name text, designation text, date_of_joining timestamp, salary double, dept_name text);
```

```
cqlsh:employee> BEGIN BATCH INSERT INTO employee_info(emp_id,emp_name,designation,date_of_joining,salary,dept_name)
... INSERT INTO employee_info(emp_id,emp_name,designation,date_of_joining,salary,dept_name)
... INSERT INTO employee_info(emp_id,emp_name,designation,date_of_joining,salary,dept_name)
... APPLY BATCH;
cqlsh:employee> SELECT * FROM employee_info;
```

| emp_id | date_of_joining | dept_name | designation | emp_name | salary |
|--------|---------------------------------|------------|-------------|----------|--------|
| 111 | 2020-06-21 18:30:00.000000+0000 | DEVELOPING | ASSOCIATE | SRIRAM | 25000 |
| 121 | 2020-03-29 18:30:00.000000+0000 | HR | MANAGER | SHIVA | 35000 |
| 100 | 2020-09-10 18:30:00.000000+0000 | TESTING | MANAGER | TANYA | 30000 |

(3 rows)

```
cqlsh:employee> UPDATE employee_info SET emp_name = 'SHAAN' WHERE emp_id = 121;
cqlsh:employee> SELECT * FROM employee_info;
```

| emp_id | date_of_joining | dept_name | designation | emp_name | salary |
|--------|---------------------------------|------------|-------------|----------|--------|
| 111 | 2020-06-21 18:30:00.000000+0000 | DEVELOPING | ASSOCIATE | SRIRAM | 25000 |
| 121 | 2020-03-29 18:30:00.000000+0000 | HR | MANAGER | SHAAN | 35000 |
| 100 | 2020-09-10 18:30:00.000000+0000 | TESTING | MANAGER | TANYA | 30000 |

(3 rows)

```
cqlsh:employee> ALTER TABLE employee_info ADD projects_done set<text>;
```

```
cqlsh:employee> ALTER TABLE employee_info ADD projects_done set<text>;
```

```
cqlsh:employee> UPDATE employee_info SET projects_done = {'chat app'} WHERE emp_id = 111;  
cqlsh:employee> UPDATE employee_info SET projects_done = {'campusx,flashcard'} WHERE emp_id = 121;  
cqlsh:employee> UPDATE employee_info SET projects_done = {'canteen app'} WHERE emp_id = 100;  
cqlsh:employee> SELECT * FROM employee_info  
... ;
```

| emp_id | date_of_joining | dept_name | designation | emp_name | projects_done | salary |
|--------|---------------------------------|------------|-------------|----------|-----------------------|--------|
| 111 | 2020-06-21 18:30:00.000000+0000 | DEVELOPING | ASSOCIATE | SRIRAM | {'chat app'} | 25000 |
| 121 | 2020-03-29 18:30:00.000000+0000 | HR | MANAGER | SHAAN | {'campusx,flashcard'} | 35000 |
| 100 | 2020-09-10 18:30:00.000000+0000 | TESTING | MANAGER | TANYA | {'canteen app'} | 30000 |

(3 rows)

```
cqlsh:employee> INSERT INTO employee_info(emp_id,emp_name,designation,date_of_joining,salary,dept_name) VALUES(110,'SAM','ASSOCIATE','2020-01-11',33000,'TESTING') USING  
TTL 15;  
cqlsh:employee> SELECT TTL(emp_name) from employee_info WHERE emp_id = 110;
```

```
ttn(emp_name)  
-----  
13
```

(1 rows)

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

| emp_id | date_of_joining | dept_name | designation | emp_name | projects_done | salary |
|--------|---------------------------------|------------|-------------|----------|-----------------------|--------|
| 110 | 2020-01-10 18:30:00.000000+0000 | TESTING | ASSOCIATE | SAM | null | 33000 |
| 111 | 2020-06-21 18:30:00.000000+0000 | DEVELOPING | ASSOCIATE | SRIRAM | {'chat app'} | 25000 |
| 121 | 2020-03-29 18:30:00.000000+0000 | HR | MANAGER | SHAAN | {'campusx,flashcard'} | 35000 |
| 100 | 2020-09-10 18:30:00.000000+0000 | TESTING | MANAGER | TANYA | {'canteen app'} | 30000 |

(4 rows)

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

... ;

| emp_id | date_of_joining | dept_name | designation | emp_name | projects_done | salary |
|--------|---------------------------------|------------|-------------|----------|-----------------------|--------|
| 111 | 2020-06-21 18:30:00.000000+0000 | DEVELOPING | ASSOCIATE | SRIRAM | {'chat app'} | 25000 |
| 121 | 2020-03-29 18:30:00.000000+0000 | HR | MANAGER | SHAAN | {'campusx,flashcard'} | 35000 |
| 100 | 2020-09-10 18:30:00.000000+0000 | TESTING | MANAGER | TANYA | {'canteen app'} | 30000 |

(3 rows)