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Exp 1 : Employee

```
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_joir
STING')
         ... INSERT INTO employee_info(emp_id,emp_name,designation,date_of_joining,salary,de

         ... INSERT INTO employee_info(emp_id,emp_name,designation,date_of_joining,salary,de
         ... 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;

 ttl(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)
```