

```

cqlsh> create keyspace employee_2 with replication={ 'class':'SimpleStrategy', 'replication_factor':1};
cqlsh> use employee_2
... use employee_2;
Improper use command.
cqlsh> use employee_2;
cqlsh:employee_2> create table employee_info(emp_id primary key,emp_name text,designation text,doj timestamp,salary int, dept_name text);

```

```

cqlsh:employee_2> create table employee_info(emp_id int primary key,emp_name text,designation text,doj timestamp,salary int, dept_name text);
cqlsh:employee_2> begin batch
... insert into employee_info(emp_id,emp_name,designation,doj,salary,dept_name)
... values(1,'sandra','data analyst','2013-03-04',10000,'cse')
... insert into employee_info(emp_id,emp_name,designation,doj,salary,dept_name)
... values(2,'cassie','manager','2014-03-04',100000,'cse')
... insert into employee_info(emp_id,emp_name,designation,doj,salary,dept_name)
... values(3,'cassandra','engineer','2014-04-04',200000,'IS')
... insert into employee_info(emp_id,emp_name,designation,doj,salary,dept_name)
... values(4,'lola','engineer','2015-08-04',200000,'IS')
... apply batch;
cqlsh:employee_2> select * from employee_info;

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cqlsh:employee_2> select * from employee_info;

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emp_id	dept_name	designation	doj	emp_name	salary
1	cse	data analyst	2013-03-03 18:30:00.000000+0000	sandra	10000
2	cse	manager	2014-03-03 18:30:00.000000+0000	cassie	100000
4	IS	engineer	2015-08-03 18:30:00.000000+0000	lola	200000
3	IS	engineer	2014-04-03 18:30:00.000000+0000	cassandra	200000

(4 rows)

```

cqlsh:employee_2> update employee_info set emp_name='robbie' where emp_id=1;
cqlsh:employee_2> select * from employee_info;

```

emp_id	dept_name	designation	doj	emp_name	salary
1	cse	data analyst	2013-03-03 18:30:00.000000+0000	robbie	10000
2	cse	manager	2014-03-03 18:30:00.000000+0000	cassie	100000
4	IS	engineer	2015-08-03 18:30:00.000000+0000	lola	200000
3	IS	engineer	2014-04-03 18:30:00.000000+0000	cassandra	200000

(4 rows)

```

cqlsh:employee_2> alter table employee_info add project set<text>;
cqlsh:employee_2> update employee_info set project=project + {'ds project,mpmc project'} where emp_id=1;
cqlsh:employee_2> select * from employee_info;

```

emp_id	dept_name	designation	doj	emp_name	project	salary
1	cse	data analyst	2013-03-03 18:30:00.000000+0000	robbie	{'ds project,mpmc project'}	10000
2	cse	manager	2014-03-03 18:30:00.000000+0000	cassie	null	100000
4	IS	engineer	2015-08-03 18:30:00.000000+0000	lola	null	200000
3	IS	engineer	2014-04-03 18:30:00.000000+0000	cassandra	null	200000

(4 rows)

```

cqlsh:employee_2> update employee_info set project=project + {'ml project,mpmc project'} where emp_id=2;
cqlsh:employee_2> select * from employee_info;

```

emp_id	dept_name	designation	doj	emp_name	project	salary
1	cse	data analyst	2013-03-03 18:30:00.000000+0000	robbie	{'ds project,mpmc project'}	10000
2	cse	manager	2014-03-03 18:30:00.000000+0000	cassie	{'ml project,mpmc project'}	100000
4	IS	engineer	2015-08-03 18:30:00.000000+0000	lola	null	200000
3	IS	engineer	2014-04-03 18:30:00.000000+0000	cassandra	null	200000

(4 rows)

```

cqlsh:employee_2>

```

USN : 1BM20CS195

```
(4 rows)
cqlsh:employee_2> update employee_info set project=project + {'cns project,mpmc project'} where emp_id=2;
cqlsh:employee_2> select * from employee_info;
```

emp_id	dept_name	designation	doj	emp_name	project	salary
1	cse	data analyst	2013-03-03 18:30:00.000000+0000	robbie	{'ds project,mpmc project'}	10000
2	cse	manager	2014-03-03 18:30:00.000000+0000	cassie	{'cns project,mpmc project', 'ml project,mpmc project'}	100000
4	IS	engineer	2015-08-03 18:30:00.000000+0000	lola	null	200000
3	IS	engineer	2014-04-03 18:30:00.000000+0000	cassandra	null	200000

```
(4 rows)
cqlsh:employee_2>
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```
cqlsh:employee_2> select ttl(emp_name) from employee_info where emp_id=5;
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```
ttl(emp_name)
```

```
(0 rows)
```

```
cqlsh:employee_2> insert into employee_info(emp_id,emp_name,designation,doj,salary,dept_name,project) values(5,'tony','engineer','2018-09-09',10000,'cs',{'mini project'}) using TTL 45;
cqlsh:employee_2> select ttl(emp_name) from employee_info where emp_id=5;
```

```
ttl(emp_name)
```

```
41
```

```
(1 rows)
```

```
cqlsh:employee_2>
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