

1.Employee

```
cqlsh:employee> CREATE TABLE Employee_info(  
    ... emp_id int PRIMARY KEY,  
    ... emp_name text,  
    ... designation text,  
    ... DOJ timestamp,  
    ... salary int,  
    ... Dept_name text);  
cqlsh:employee> SELECT * FROM Employee_info  
    ... ;
```

emp_id	dept_name	designation	doj	emp_name	salary
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```
cqlsh:employee> INSERT INTO Employee_info(emp_id,emp_name,designation,DOJ,salary,Dept_name)  
    ... VALUES(120,'A','SE','2020-01-01',20000,'x');  
cqlsh:employee> INSERT INTO Employee_info(  
    ... emp_id,emp_name,designation,DOJ,salary,Dept_name)  
    ... VALUES(121,'B','ASE','2020-02-01',40000,'y');  
cqlsh:employee> Update Employee_info SET emp_name='AAA',Dept_name ='z' WHERE emp_id=121;
```

```
cqlsh:employee> Update Employee_info SET emp_name='AAA',Dept_name ='z' WHERE emp_id=121;  
cqlsh:employee> SELECT * FROM Employee_info;
```

emp_id	dept_name	designation	doj	emp_name	salary
120	x	SE	2019-12-31 18:30:00.000000+0000	A	20000
121	z	ASE	2020-01-31 18:30:00.000000+0000	AAA	40000

(2 rows)

```
SyntaxException: line 1:20 no viable alternative at input 'ORDERBY' (SELECT * FROM [Employee_info] ORDERBY...)  
cqlsh:employee> ALTER TABLE Employee_info ADD Projects text;  
cqlsh:employee> Update Employee_info SET Projects='BDA' WHERE emp_id=121;  
cqlsh:employee> Update Employee_info SET Projects='DSR' WHERE emp_id=121;  
cqlsh:employee> Update Employee_info SET Projects='BDA' WHERE emp_id=120;  
cqlsh:employee> SELECT * FROM Employee_info ;
```

emp_id	dept_name	designation	doj	emp_name	projects	salary
120	x	SE	2019-12-31 18:30:00.000000+0000	A	BDA	20000
121	z	ASE	2020-01-31 18:30:00.000000+0000	AAA	DSR	40000

```
cqlsh:employee> INSERT INTO Employee_info(emp_id,emp_name,designation,DOJ,salary,Dept_name)
... VALUES(124,'C','SE','2020-01-01',20000,'y') USING TTL 15;
cqlsh:employee> SELECT TTL(designation) FROM Employee_info WHERE emp_id=124;

ttl(designation)
-----
(0 rows)
```

2.Library

```
cqlsh> CREATE KEYSPACE Library WITH replication = {'class':'SimpleStrategy', 'replication_factor' : 3};
cqlsh> use Library;
```

```
cqlsh:library> CREATE TABLE Library_info(
... c_value counter,
... stud_id int ,
... stud_name text,
... book_name text,
... book_id int,
... DOI timestamp,
... primary key(stud_id,stud_name,book_name,book_id,DOI));
```

```
cqlsh:library> UPDATE Library_info set c_value=c_value+1 WHERE stud_id=112 and stud_name='c'and book_name='BDA'and book_id=11 and DOI='2020-10-11';
cqlsh:library> SELECT * FROM Library_info;
```

stud_id	stud_name	book_name	book_id	doi	c_value
122	b	DSR	12	2020-10-20 18:30:00.000000+0000	1
121	a	BDA	11	2020-10-10 18:30:00.000000+0000	1
112	c	BDA	11	2020-10-10 18:30:00.000000+0000	2

```
cqlsh:library> SELECT * FROM Library_info WHERE c_value=2 ALLOW FILTERING;
```

stud_id	stud_name	book_name	book_id	doi	c_value
112	c	BDA	11	2020-10-10 18:30:00.000000+0000	2

```
cqlsh:library> CAPTURE 'C:\Users\sabde\Desktop\library.csv';
Now capturing query output to 'C:\\Users\\sabde\\Desktop\\library.csv'.
cqlsh:library> SELECT * FROM Library_info;
```