

```
les | manager | 12-1-1988 | albert | 10000
```

```
alter table employee_info add projects set<text>;
SELECT * from employee_info;
```

emp_id	designation	doj	emp_name	projects	salary
100	manager	08-11-1945	maxwell	null	65000
101	clerk	18-12-1998	Pavankumar	null	7500
102	clerk	08-11-1998	albert	null	75000
103	manager	12-1-1988	albert	null	10000

```
update employee_info set projects = {'ML','Algo'} WHERE emp_id = 121;
SELECT * from employee_info;
```

emp_id	designation	doj	emp_name	projects	salary
100	manager	08-11-1945	maxwell	null	65000
101	clerk	18-12-1998	Pavankumar	{ 'Algo', 'ML' }	7500
102	clerk	08-11-1998	albert	null	75000
103	manager	12-1-1988	albert	null	10000

```
update employee_info set projects = 'Machine learning ' WHERE emp_id = 100;
error from server: code=2200 [Invalid query] message="Invalid STRING constant (Machine learning ) for "projects" of type set<text>"
update employee_info set projects = {'Machine learning '} WHERE emp_id = 100;
SELECT * from employee_info;
```

emp_id	designation	doj	emp_name	projects	salary
100	manager	08-11-1945	maxwell	null	65000
101	clerk	18-12-1998	Pavankumar	{ 'Algo', 'ML' }	7500
102	clerk	08-11-1998	albert	{ 'Machine learning ' }	75000
103	manager	12-1-1988	albert	null	10000

```
INSERT INTO employee_info(emp_id, emp_name , designation , doj, salary , dept_name ) values (371,'Nikhil','manager','12-10-2015',18000,'');
```

```
select ttl(emp_name) from employee_info where emp_id = 371;
```



```
CREATE TABLE employees_info(emp_id int PRIMARY KEY,Emp_Name text,DateOfJoining timestamp,salary int,Dept_Name text);
```

```
Table 'employee.employees_info' already exists
```

```
INSERT INTO employees_info(emp_id, Emp_Name, DateOfJoining, salary,Dept_Name)VALUES (121,'PAVAN','2020-03-12',70000,'CSE');
```

```
INSERT INTO employees_info(emp_id, Emp_Name, DateOfJoining, salary,Dept_Name)VALUES (122,'nikhil','2020-03-13',70000,'CSE');
```

```
INSERT INTO employees_info(emp_id, Emp_Name, DateOfJoining, salary,Dept_Name)VALUES (123,'rohith','2020-03-14',70000,'CSE');
```

```
INSERT INTO employees_info(emp_id, Emp_Name, DateOfJoining, salary,Dept_Name)VALUES (124,'ravi','2020-03-14',70000,'CSE');
```

```
INSERT INTO employees_info(emp_id, Emp_Name, DateOfJoining, salary,Dept_Name)VALUES (125,'abc','2020-03-14',70000,'CSE');
```

```
select *from employees_info;
```

joining	dept_name	emp_name	salary
2020-03-12 18:30:00.000000+0000	CSE	rohith	70000
2020-03-13 18:30:00.000000+0000	CSE	abc	70000
2020-03-12 18:30:00.000000+0000	CSE	nikhil	70000
2020-03-11 18:30:00.000000+0000	CSE	PAVAN	70000
2020-03-13 18:30:00.000000+0000	CSE	ravi	70000

```
UPDATE employees_info SET emp_name='Krishna' WHERE emp_id=121;
```

```
select *from employees_info;
```

joining	dept_name	emp_name	salary
2020-03-12 18:30:00.000000+0000	CSE	rohith	70000
2020-03-13 18:30:00.000000+0000	CSE	abc	70000
2020-03-12 18:30:00.000000+0000	CSE	nikhil	70000
2020-03-11 18:30:00.000000+0000	CSE	Krishna	70000
2020-03-13 18:30:00.000000+0000	CSE	ravi	70000

apache-cassandra-3.11.4\bin>cqlsh

codepage must be set to cp65001 to support utf-8 encoding on Windows platforms.
encoding problems, change your console codepage with 'chcp 65001' before starting cqlsh.

Cluster at 127.0.0.1:9042.

Cassandra 3.11.4 | CQL spec 3.4.4 | Native protocol v4]

the dependency missing. Install to enable tab completion.

SPACE EMPLOYEE with replication = {'class': 'SimpleStrategy', 'replication_factor': 1};

yspace 'employee' already exists

SPACE EMPLOYEE1 with replication = {'class': 'SimpleStrategy', 'replication_factor': 1};

ee1;

CREATE COLUMNFAMILY Employee_Info(Emp_Id int PRIMARY KEY ,Emp_name text, Designation text, DOJ text,Salary float,Dept_Name text);

describe employee_info

oyee1.employee_info (

PRIMARY KEY,

;

text,

er_fp_chance = 0.01

{'keys': 'ALL', 'rows_per_partition': 'NONE'}

;

n = {'class': 'org.apache.cassandra.db.compaction.SizeTieredCompactionStrategy', 'max_threshold': '32', 'min_threshold': '4'}

on = {'chunk_length_in_kb': '64', 'class': 'org.apache.cassandra.io.compress.LZ4Compressor'}

_chance = 1.0

ead_repair_chance = 0.1

ime_to_live = 0

seconds = 864000

interval = 2048

Flush_period_in_ms = 0

interval = 128

ir_chance = 0.0

ve_retry = '99PERCENTILE';

```
BEGIN BATCH INSERT INTO employee_info(emp_id,emp_name, designation , doj, salary , dept_name ) values (100,'albert','clerk','08-11-1998',7500,'sales');
INSERT INTO employee_info(emp_id, emp_name , designation , doj, salary , dept_name ) values (121,'einstein','clerk','18-12-1998',7500,'sales');
INSERT INTO employee_info(emp_id, emp_name , designation , doj, salary , dept_name ) values (234,'maxwell','manager','08-11-1945',65000,'tech');
INSERT INTO employee_info(emp_id, emp_name , designation , doj, salary , dept_name ) values (170,'albert','manager','12-1-1988',10000,'sales');
APPLY BATCH ;
SELECT * from employee_info;
```

emp_id	designation	doj	emp_name	salary
234	manager	08-11-1945	maxwell	65000
121	clerk	18-12-1998	einstein	7500
100	clerk	08-11-1998	albert	75000
170	manager	12-1-1988	albert	10000

```
update employee_info set emp_name = 'Pavankumar', dept_name = 'deployment' where emp_id = 121;
SELECT * from employee_info;
```

emp_id	designation	doj	emp_name	salary
234	manager	08-11-1945	maxwell	65000
121	clerk	18-12-1998	Pavankumar	7500
100	clerk	08-11-1998	albert	75000
170	manager	12-1-1988	albert	10000

```
alter table employee_info add projects set<text>;
SELECT * from employee_info;
```

emp_id	designation	doj	emp_name	projects	salary
234	manager	08-11-1945	maxwell	null	65000
121	clerk	18-12-1998	Pavankumar	null	7500
100	clerk	08-11-1998	albert	null	75000
170	manager	12-1-1988	albert	null	10000



emp_id	designation	doj	emp_name	projects	salary
100	manager	08-11-1945	maxwell	null	65000
101	clerk	18-12-1998	Pavankumar	{ 'Algo', 'ML' }	7500
102	clerk	08-11-1998	albert	null	75000
103	manager	12-1-1988	albert	null	10000

```
update employee_info set projects = 'Machine learning ' WHERE emp_id = 100;
```

```
error from server: code=2200 [Invalid query] message="Invalid STRING constant (Machine learning ) for "projects" of type set<text>"
```

```
update employee_info set projects = { 'Machine learning ' } WHERE emp_id = 100;
```

```
SELECT * from employee_info;
```

emp_id	designation	doj	emp_name	projects	salary
100	manager	08-11-1945	maxwell	null	65000
101	clerk	18-12-1998	Pavankumar	{ 'Algo', 'ML' }	7500
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103	manager	12-1-1988	albert	null	10000

```
INSERT INTO employee_info(emp_id, emp_name , designation , doj, salary , dept_name ) values (371,'Nikhil','manager','12-10-2015',18000,'');
```

```
select ttl(emp_name) from employee_info where emp_id = 371;
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