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cqlsh:employees> CREATE TABLE Employee_Info (Emp_id int, Emp_Name text, Designation text, Date_Of_Joining timestamp, salary double, Dept_name text, primary key(Emp_id, salary));
cqlsh:employees> BEGIN BATCH INSERT INTO Employee_Info(Emp_id, Emp_Name, Designation, Date_Of_Joining, salary, Dept_name) VALUES (120, 'Asha', 'Manager', '2021-04-01', 30000.0, 'CSE') INSERT INTO Employee_Info(Emp_id, Emp_Name, Designation, Date_Of_Joining, salary, Dept_name) VALUES (121, 'Kiran', 'Emp', '2019-04-20', 20000.0, 'CSE') INSERT INTO Employee_Info(Emp_id, Emp_Name, Designation, Date_Of_Joining, salary, Dept_name) VALUES (122, 'Dakshina', 'Emp', '2019-05-13', 22000.0, 'CSE') INSERT INTO Employee_Info(Emp_id, Emp_Name, Designation, Date_Of_Joining, salary, Dept_name) VALUES (123, 'Bharath', 'Emp', '2020-08-01', 22500.0, 'CSE') APPLY BATCH;
cqlsh:employees> Select * from Employee_Info;

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emp_id	salary	date_of_joining	dept_name	designation	emp_name
120	30000	2021-03-31 18:30:00.000000+0000	CSE	Manager	Asha
123	22500	2020-07-31 18:30:00.000000+0000	CSE	Emp	Bharath
122	22000	2019-05-12 18:30:00.000000+0000	CSE	Emp	Dakshina
121	20000	2019-04-19 18:30:00.000000+0000	CSE	Emp	Kiran

(4 rows)

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cqlsh:employees> drop table Employee_Info;
cqlsh:employees> CREATE TABLE Employee_Info (Emp_id int, Emp_Name text, Designation text, Date_Of_Joining timestamp, salary double, Dept_name text, primary key(Emp_id));
cqlsh:employees> BEGIN BATCH INSERT INTO Employee_Info(Emp_id, Emp_Name, Designation, Date_Of_Joining, salary, Dept_name) VALUES (120, 'Asha', 'Manager', '2021-04-01', 30000.0, 'CSE') INSERT INTO Employee_Info(Emp_id, Emp_Name, Designation, Date_Of_Joining, salary, Dept_name) VALUES (121, 'Kiran', 'Emp', '2019-04-20', 20000.0, 'CSE') INSERT INTO Employee_Info(Emp_id, Emp_Name, Designation, Date_Of_Joining, salary, Dept_name) VALUES (122, 'Dakshina', 'Emp', '2019-05-13', 22000.0, 'CSE') INSERT INTO Employee_Info(Emp_id, Emp_Name, Designation, Date_Of_Joining, salary, Dept_name) VALUES (123, 'Bharath', 'Emp', '2020-08-01', 22500.0, 'CSE') APPLY BATCH;
cqlsh:employees> Select * from Employee_Info;

```

emp_id	date_of_joining	dept_name	designation	emp_name	salary
120	2021-03-31 18:30:00.000000+0000	CSE	Manager	Asha	30000
123	2020-07-31 18:30:00.000000+0000	CSE	Emp	Bharath	22500
122	2019-05-12 18:30:00.000000+0000	CSE	Emp	Dakshina	22000
121	2019-04-19 18:30:00.000000+0000	CSE	Emp	Kiran	20000

(4 rows)

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cqlsh:employees> UPDATE Employee_Info SET Emp_Name='ABCD', Dept_name='ECE' WHERE Emp_id=121;
cqlsh:employees> Select * from Employee_Info;

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emp_id	date_of_joining	dept_name	designation	emp_name	salary
120	2021-03-31 18:30:00.000000+0000	CSE	Manager	Asha	30000
123	2020-07-31 18:30:00.000000+0000	CSE	Emp	Bharath	22500
122	2019-05-12 18:30:00.000000+0000	CSE	Emp	Dakshina	22000
121	2019-04-19 18:30:00.000000+0000	ECE	Emp	ABCD	20000

(4 rows)

```

cqlsh:employees> ALTER TABLE Employee_Info ADD Projects list<text>;
cqlsh:employees> Select * from Employee_Info;

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emp_id	date_of_joining	dept_name	designation	emp_name	projects	salary
120	2021-03-31 18:30:00.000000+0000	CSE	Manager	Asha	null	30000
123	2020-07-31 18:30:00.000000+0000	CSE	Emp	Bharath	null	22500
122	2019-05-12 18:30:00.000000+0000	CSE	Emp	Dakshina	null	22000
121	2019-04-19 18:30:00.000000+0000	ECE	Emp	ABCD	null	20000

(4 rows)

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cqlsh:employees> UPDATE Employee_Info SET Projects=['Research'] WHERE Emp_id=120;
cqlsh:employees> Select * from Employee_Info;

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emp_id	date_of_joining	dept_name	designation	emp_name	projects	salary
120	2021-03-31 18:30:00.000000+0000	CSE	Manager	Asha	['Research']	30000
123	2020-07-31 18:30:00.000000+0000	CSE	Emp	Bharath	null	22500
122	2019-05-12 18:30:00.000000+0000	CSE	Emp	Dakshina	null	22000
121	2019-04-19 18:30:00.000000+0000	ECE	Emp	ABCD	null	20000

(4 rows)

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cqlsh:employees> UPDATE Employee_Info SET Projects=['Data analyst'] WHERE Emp_id=123;
cqlsh:employees> UPDATE Employee_Info SET Projects=['Reporting'] WHERE Emp_id=122;
cqlsh:employees> UPDATE Employee_Info SET Projects=['Cloud'] WHERE Emp_id=121;
cqlsh:employees> Select * from Employee_Info;

```

emp_id	date_of_joining	dept_name	designation	emp_name	projects	salary
120	2021-03-31 18:30:00.000000+0000	CSE	Manager	Asha	['Research']	30000
123	2020-07-31 18:30:00.000000+0000	CSE	Emp	Bharath	['Data analyst']	22500
122	2019-05-12 18:30:00.000000+0000	CSE	Emp	Dakshina	['Reporting']	22000
121	2019-04-19 18:30:00.000000+0000	ECE	Emp	ABCD	['Cloud']	20000

(4 rows)

```

cqlsh:employees> INSERT INTO Employee_Info(Emp_id, Emp_Name, Designation, Date_Of_Joining, salary, Dept_name) VALUES (120, 'Asha', 'Manager', '2021-03-31 18:30:00.000000+0000', 30000, 'CSE')
cqlsh:employees> Select * from Employee_Info;

```

emp_id	date_of_joining	dept_name	designation	emp_name	projects	salary
120	2021-03-31 18:30:00.000000+0000	CSE	Manager	Asha	['Research']	30000
123	2020-07-31 18:30:00.000000+0000	CSE	Emp	Bharath	['Data analyst']	22500
125	2021-03-31 18:30:00.000000+0000	CSE	Emp	Anya	null	25000
122	2019-05-12 18:30:00.000000+0000	CSE	Emp	Dakshina	['Reporting']	22000
121	2019-04-19 18:30:00.000000+0000	ECE	Emp	ABCD	['Cloud']	20000

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(5 rows)
cqlsh:employees> select ttl(emp_name) from Employee_Info where emp_id=125;

ttl(emp_name)
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(0 rows)
cqlsh:employees> INSERT INTO Employee_Info(Emp_id, Emp_Name, Designation, Date_Of_Joining, salary, Dept_name) VALUES (126, 'Asha', 'Manager', '2021-03-31 18:30:00.000000+0000', 30000, 'CSE')
cqlsh:employees> select ttl(emp_name) from Employee_Info where emp_id=126;

ttl(emp_name)
-----
41
(1 rows)

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