bmscecse@bmscecse-HP-Elite-Tower-800-G9-Desktop-PC:~$ cqlsh

Connected to Test Cluster at 127.0.0.1:9042

[cqlsh 6.1.0 | Cassandra 4.1.4 | CQL spec 3.4.6 | Native protocol v5]

Use HELP for help.

cqlsh> CREATE KEYSPACE Employee WITH REPLICATION = {'class': 'SimpleStrategy',' replication-factor' : 1};

AlreadyExists: Keyspace 'employee' already exists

cqlsh> DESCRIBE Employee

CREATE KEYSPACE employee WITH replication = {'class': 'SimpleStrategy', 'replication\_factor': '3'} AND durable\_writes = true;

CREATE TABLE employee.employeeinfo (

id int PRIMARY KEY,

dept\_name text,

designation text,

doj timestamp,

name text,

salary double

)

cqlsh> DESCRIBE Keyspaces;

employee system\_auth system\_schema system\_views

system system\_distributed system\_traces system\_virtual\_schema

cqlsh:employee> describe tables;

employeeinfo

cqlsh:employee> select \* from employeeinfo;

id | dept\_name | designation | doj | name | salary

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122 | DL | Manager | 2024-03-31 18:30:00.000000+0000 | Dhruv | 100

121 | DL | Intern | 2024-02-29 18:30:00.000000+0000 | Dhruva S | 0

(2 rows)

cqlsh:employee> BEGIN BATCH INSERT INTO employeeinfo(id, dept\_name, designation, doj, name,salary) VALUES(1,'ML','Intern','2024-05-05','Heena', 1000) INSERT INTO employeeinfo(id, dept\_name, designation, doj, name,salary) VALUES(2,'ML','Intern','2024-05-06','Neha', 2000)INSERT INTO employeeinfo(id, dept\_name, designation, doj, name,salary) VALUES(3,'DL','Intern','2024-05-05','Surya', 1000) APPLY BATCH;

cqlsh:employee> select \* from employeeinfo;

id | dept\_name | designation | doj | name | salary

-----+-----------+-------------+---------------------------------+----------+--------

1 | ML | Intern | 2024-05-04 18:30:00.000000+0000 | Heena | 1000

122 | DL | Manager | 2024-03-31 18:30:00.000000+0000 | Dhruv | 100

2 | ML | Intern | 2024-05-05 18:30:00.000000+0000 | Neha | 2000

121 | DL | Intern | 2024-02-29 18:30:00.000000+0000 | Dhruva S | 0

3 | DL | Intern | 2024-05-04 18:30:00.000000+0000 | Surya | 1000

(5 rows)

cqlsh:employee> UPDATE employeeinfo SET name ='Ria', dept\_name = 'ML' WHERE id=121;

cqlsh:employee> select \* from employeeinfo;

id | dept\_name | designation | doj | name | salary

-----+-----------+-------------+---------------------------------+-------+--------

1 | ML | Intern | 2024-05-04 18:30:00.000000+0000 | Heena | 1000

122 | DL | Manager | 2024-03-31 18:30:00.000000+0000 | Dhruv | 100

2 | ML | Intern | 2024-05-05 18:30:00.000000+0000 | Neha | 2000

121 | ML | Intern | 2024-02-29 18:30:00.000000+0000 | Ria | 0

3 | DL | Intern | 2024-05-04 18:30:00.000000+0000 | Surya | 1000

(5 rows)

cqlsh:employee> ALTER TABLE employeeinfo ADD Projects text;

cqlsh:employee> select \* from employeeinfo;

id | dept\_name | designation | doj | name | projects | salary

-----+-----------+-------------+---------------------------------+-------+----------+--------

1 | ML | Intern | 2024-05-04 18:30:00.000000+0000 | Heena | null | 1000

122 | DL | Manager | 2024-03-31 18:30:00.000000+0000 | Dhruv | null | 100

2 | ML | Intern | 2024-05-05 18:30:00.000000+0000 | Neha | null | 2000

121 | ML | Intern | 2024-02-29 18:30:00.000000+0000 | Ria | null | 0

3 | DL | Intern | 2024-05-04 18:30:00.000000+0000 | Surya | null | 1000

(5 rows)

cqlsh:employee> BATCH BEGIN INSERT INTO employeeinfo(id,Projects) VALUES (1,APP DEV)INSERT INTO employeeinfo(id,Projects) VALUES (122,WEB DEV)INSERT INTO employeeinfo(id,Projects) VALUES (2,JAVA BACKEND) APPLY BATCH;

SyntaxException: line 1:0 no viable alternative at input 'BATCH' ([BATCH]...)

cqlsh:employee> BATCH BEGIN INSERT INTO employeeinfo(id,projects) VALUES (1,APP DEV)INSERT INTO employeeinfo(id,projects) VALUES (122,WEB DEV)INSERT INTO employeeinfo(id,projects) VALUES (2,JAVA BACKEND) APPLY BATCH;

SyntaxException: line 1:0 no viable alternative at input 'BATCH' ([BATCH]...)

cqlsh:employee> BEGIN BATCH INSERT INTO employeeinfo(id,projects) VALUES (1,APP DEV)INSERT INTO employeeinfo(id,projects) VALUES (122,WEB DEV)INSERT INTO employeeinfo(id,projects) VALUES (2,JAVA BACKEND) APPLY BATCH;

cqlsh:employee> BEGIN BATCH INSERT INTO employeeinfo(id,projects) VALUES (1,'APP DEV')INSERT INTO employeeinfo(id,projects) VALUES (122,'WEB DEV')INSERT INTO employeeinfo(id,projects) VALUES (2,'JAVA BACKEND') APPLY BATCH;

cqlsh:employee> select \* from employeeinfo;

id | dept\_name | designation | doj | name | projects | salary

-----+-----------+-------------+---------------------------------+-------+--------------+--------

1 | ML | Intern | 2024-05-04 18:30:00.000000+0000 | Heena | APP DEV | 1000

122 | DL | Manager | 2024-03-31 18:30:00.000000+0000 | Dhruv | WEB DEV | 100

2 | ML | Intern | 2024-05-05 18:30:00.000000+0000 | Neha | JAVA BACKEND | 2000

121 | ML | Intern | 2024-02-29 18:30:00.000000+0000 | Ria | null | 0

3 | DL | Intern | 2024-05-04 18:30:00.000000+0000 | Surya | null | 1000

(5 rows)

cqlsh:employee> BEGIN BATCH INSERT INTO employeeinfo(id,projects) VALUES (3,'research')INSERT INTO employeeinfo(id,projects) VALUES (121,'ux/ui') APPLY BATCH;

cqlsh:employee> select \* from employeeinfo;

id | dept\_name | designation | doj | name | projects | salary

-----+-----------+-------------+---------------------------------+-------+--------------+--------

1 | ML | Intern | 2024-05-04 18:30:00.000000+0000 | Heena | APP DEV | 1000

122 | DL | Manager | 2024-03-31 18:30:00.000000+0000 | Dhruv | WEB DEV | 100

2 | ML | Intern | 2024-05-05 18:30:00.000000+0000 | Neha | JAVA BACKEND | 2000

121 | ML | Intern | 2024-02-29 18:30:00.000000+0000 | Ria | ux/ui | 0

3 | DL | Intern | 2024-05-04 18:30:00.000000+0000 | Surya | research | 1000

(5 rows)

cqlsh:employee> select \* from employeeinfo ORDER BY salary ASC;

cqlsh:employee>



