

Administrator: Command Prompt - cqlsh

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(5 rows)
cqlsh> CREATE KEYSPACE Employee WITH REPLICATION={ 'class': 'SimpleStrategy', 'replication_factor': 1 };
cqlsh> CREATE TABLE EmployeeInfo (Emp_Id int, Emp_name text, Designation text, DateOfJoining timestamp, Salary double, Department text, PRIMARY KEY(Emp_Id));
InvalidRequest: Error from server: code=2200 [Invalid query] message="No keyspace has been specified. USE a keyspace, or explicitly specify keyspace.tablename"
cqlsh> CREATE TABLE Employee.EmployeeInfo (Emp_Id int, Emp_name text, Designation text, DateOfJoining timestamp, Salary double, Department text, PRIMARY KEY(Emp_Id));
cqlsh> BEGIN BATCH
... INSERT INTO EmployeeInfo(Emp_Id, Emp_name, Designation, DateOfJoining, Salary, Department) VALUES(121, 'Jamuna', 'HOD', '2018-07-10', 30000, 'CSE')
... INSERT INTO EmployeeInfo(Emp_Id, Emp_name, Designation, DateOfJoining, Salary, Department) VALUES(122, 'Priyanka', 'HOD', '2018-07-10', 30000, 'CSE')
... INSERT INTO EmployeeInfo(Emp_Id, Emp_name, Designation, DateOfJoining, Salary, Department) VALUES(123, 'Lavanya', 'HOD', '2018-07-10', 40000, 'CSE')
... APPLY BATCH;
InvalidRequest: Error from server: code=2200 [Invalid query] message="No keyspace has been specified. USE a keyspace, or explicitly specify keyspace.tablename"
cqlsh> BEGIN BATCH
... INSERT INTO Employee.EmployeeInfo(Emp_Id, Emp_name, Designation, DateOfJoining, Salary, Department) VALUES(121, 'Jamuna', 'HOD', '2018-07-10', 30000, 'CSE')
... INSERT INTO Employee.EmployeeInfo(Emp_Id, Emp_name, Designation, DateOfJoining, Salary, Department) VALUES(123, 'Lavanya', 'HOD', '2018-07-10', 40000, 'CSE')
... INSERT INTO Employee.EmployeeInfo(Emp_Id, Emp_name, Designation, DateOfJoining, Salary, Department) VALUES(122, 'Priyanka', 'HOD', '2018-07-10', 30000, 'CSE')
... APPLY BATCH;
cqlsh> select * from Employee.EmployeeInfo;

emp_id | dateofjoining | department | designation | emp_name | salary
-----+-----+-----+-----+-----+-----
123 | 2018-07-09 18:30:00.000000+0000 | CSE | HOD | Lavanya | 40000
122 | 2018-07-09 18:30:00.000000+0000 | CSE | HOD | Priyanka | 30000
121 | 2018-07-09 18:30:00.000000+0000 | CSE | HOD | Jamuna | 30000

(3 rows)
cqlsh> UPDATE Employee.EmployeeInfo SET Emp_name='Ramya', Department = 'ECE' WHERE Emp_id=121;
cqlsh> select * from Employee.EmployeeInfo;

emp_id | dateofjoining | department | designation | emp_name | salary
-----+-----+-----+-----+-----+-----
123 | 2018-07-09 18:30:00.000000+0000 | CSE | HOD | Lavanya | 40000
122 | 2018-07-09 18:30:00.000000+0000 | CSE | HOD | Priyanka | 30000
121 | 2018-07-09 18:30:00.000000+0000 | ECE | HOD | Ramya | 30000
```

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cqlsh> ALTER TABLE Employee.EmployeeInfo ADD Projects set<text>;
cqlsh> Update Employee.EmployeeInfo SET Projects={'bda', 'dsr', 'cloud'} WHERE Emp_id=123;
cqlsh> Update Employee.EmployeeInfo SET Projects={'bda', 'cloud'} WHERE Emp_id=122;
cqlsh> select * from Employee.EmployeeInfo;

emp_id | dateofjoining | department | designation | emp_name | projects | salary
-----+-----+-----+-----+-----+-----+-----
123 | 2018-07-09 18:30:00.000000+0000 | CSE | HOD | Lavanya | {'bda', 'cloud', 'dsr'} | 40000
122 | 2018-07-09 18:30:00.000000+0000 | CSE | HOD | Priyanka | {'bda', 'cloud'} | 30000
121 | 2018-07-09 18:30:00.000000+0000 | ECE | HOD | Ramya | null | 30000

(3 rows)
cqlsh> create INDEX ON Employee.EmployeeInfo(salary);
cqlsh> select * from Employee.EmployeeInfo order by salary;
InvalidRequest: Error from server: code=2200 [Invalid query] message="ORDER BY is only supported when the partition key is restricted by an EQ or an IN."
cqlsh> select * from Employee.EmployeeInfo where emp_id IN(121,122,123) order by salary;
InvalidRequest: Error from server: code=2200 [Invalid query] message="Order by is currently only supported on the clustered columns of the PRIMARY KEY, got salary"
cqlsh> INSERT INTO Employee.EmployeeInfo(Emp_Id, Emp_name, Designation, DateOfJoining, Salary, Department) VALUES(124, 'megha', 'PR', '2018-07-23', 6000, 'CSE') USING TTL 30;
cqlsh> select * from Employee.EmployeeInfo;

emp_id | dateofjoining | department | designation | emp_name | projects | salary
-----+-----+-----+-----+-----+-----+-----
123 | 2018-07-09 18:30:00.000000+0000 | CSE | HOD | Lavanya | {'bda', 'cloud', 'dsr'} | 40000
122 | 2018-07-09 18:30:00.000000+0000 | CSE | HOD | Priyanka | {'bda', 'cloud'} | 30000
121 | 2018-07-09 18:30:00.000000+0000 | ECE | HOD | Ramya | null | 30000
124 | 2018-07-22 18:30:00.000000+0000 | CSE | PR | megha | null | 6000

(4 rows)
cqlsh> SELECT TTL(designation) FROM Employee.EmployeeInfo WHERE Emp_id=124;

ttl(designation)
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(0 rows)
cqlsh> SELECT TTL(designation) FROM Employee.EmployeeInfo WHERE emp_id=124;

ttl(designation)
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```