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Administrator: Command Prompt - cqlsh
C:\Program Files\cassandra\apache-cassandra-3.11.8-bin (2)\apache-cassandra-3.11.8\bin>cqlsh

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

Connected to Test Cluster at 127.0.0.1:9042.
[cqlsh 5.0.1 | Cassandra 3.11.8 | CQL spec 3.4.4 | Native protocol v4]
Use HELP for help.
WARNING: pyreadline dependency missing. Install to enable tab completion.
cqlsh> create keyspace Student with replication = {'class': 'SimpleStrategy','replication_factor': '1'} and durable_writes = 'true';
cqlsh> create keyspace Student with replication = {'class': 'SimpleStrategy','replication_factor': '1'} and durable_writes = 'true';
AlreadyExists: Keyspace 'student' already exists
cqlsh> describe keyspaces

system_schema system_auth system student system_distributed system_traces

cqlsh> CREATE TABLE student_info (Student_Id int PRIMARY KEY , Student_Name text , DOJ text , Semester int, Dept_Name text);
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 student.student_info (Student_Id int PRIMARY KEY , Student_Name text , DOJ text , Semester int, Dept_Name text);
cqlsh> describe tables

Keyspace system_schema
-----
tables      triggers      views      keyspaces      dropped_columns
functions   aggregates   indexes   types          columns

Keyspace system_auth
-----
resource_role_permissions_index role_permissions role_members roles

Keyspace system
-----
available_ranges      peers      batchlog      transferred_ranges
batches              compaction_history size_estimates hints
prepared_statements  sstable_activity built_views
"IndexInfo"          peer_events  range_xfers
views_builds_in_progress paxos       local

Keyspace student
-----
student_info

Keyspace system_distributed
-----
```

No new notifications (Off)

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-----
student_info

Keyspace system_distributed
-----
repair_history view_build_status parent_repair_history

Keyspace system_traces
-----
events sessions

cqlsh> describe table student_info
No keyspace specified and no current keyspace
cqlsh> describe table student.student_info

CREATE TABLE student.student_info (
  student_id int PRIMARY KEY,
  dept_name text,
  doj text,
  semester int,
  student_name text
) WITH bloom_filter_fp_chance = 0.01
AND caching = {'keys': 'ALL', 'rows_per_partition': 'NONE'}
AND comment = ''
AND compaction = {'class': 'org.apache.cassandra.db.compaction.SizeTieredCompactionStrategy', 'max_threshold': '32', 'min_threshold': '4'}
AND compression = {'chunk_length_in_kb': '64', 'class': 'org.apache.cassandra.io.compress.LZ4Compressor'}
AND crc_check_chance = 1.0
AND dclocal_read_repair_chance = 0.1
AND default_time_to_live = 0
AND gc_grace_seconds = 864000
AND max_index_interval = 2048
AND memtable_flush_period_in_ms = 0
AND min_index_interval = 128
AND read_repair_chance = 0.0
AND speculative_retry = '99PERCENTILE';

cqlsh> insert into student.student_info (Student_Id, Student_Name, DOJ, Semester, Dept_Name) values (01,'Jamuna S','13/06/2018',3,'CSE');
cqlsh> select * from student.student_info;

student_id | dept_name | doj          | semester | student_name
-----+-----+-----+-----+-----
1 | CSE | 13/06/2018 | 3 | Jamuna S

(1 rows)
```

```
AND max_index_interval = 2048
AND memtable_flush_period_in_ms = 0
AND min_index_interval = 128
AND read_repair_chance = 0.0
AND speculative_retry = '99PERCENTILE';
```

```
cqlsh> insert into student.student_info (Student_Id, Student_Name, DOJ, Semester, Dept_Name) values (01,'Jamuna S','13/06/2018',3,'CSE');
```

```
cqlsh> select * from student.student_info;
```

| student_id | dept_name | doj | semester | student_name |
|------------|-----------|------------|----------|--------------|
| 1 | CSE | 13/06/2018 | 3 | Jamuna S |

(1 rows)

```
cqlsh> insert into student.student_info (Student_Id, Student_Name, DOJ, Semester, Dept_Name) values (121,'Divya S','10/06/2018',4,'CSE');
```

```
cqlsh> insert into student.student_info (Student_Id, Student_Name, DOJ, Semester, Dept_Name) values (122,'kavya S','10/06/2018',4,'CSE');
```

```
cqlsh> insert into student.student_info (Student_Id, Student_Name, DOJ, Semester, Dept_Name) values (123,'Priyanka S','10/06/2018',4,'CSE');
```

```
cqlsh> select * from student.student_info;
```

| student_id | dept_name | doj | semester | student_name |
|------------|-----------|------------|----------|--------------|
| 123 | CSE | 10/06/2018 | 4 | Priyanka S |
| 1 | CSE | 13/06/2018 | 3 | Jamuna S |
| 122 | CSE | 10/06/2018 | 4 | kavya S |
| 121 | CSE | 10/06/2018 | 4 | Divya S |

(4 rows)

```
cqlsh> update student.student_info set student_name = 'Lavanya' WHERE student_id = 121;
```

```
cqlsh> select * from student.student_info;
```

| student_id | dept_name | doj | semester | student_name |
|------------|-----------|------------|----------|--------------|
| 123 | CSE | 10/06/2018 | 4 | Priyanka S |
| 1 | CSE | 13/06/2018 | 3 | Jamuna S |
| 122 | CSE | 10/06/2018 | 4 | kavya S |
| 121 | CSE | 10/06/2018 | 4 | Lavanya |

(4 rows)

```
cqlsh> _
```