

Lab -05

```
Administrator: Command Prompt - cqlsh
C:\Program Files\apache-cassandra-3.11.8-bin (1)\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> 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
-----
repair_history view_build_status parent_repair_history

Keyspace system_traces
-----
events sessions

cqlsh> describe table Student.student_info
```

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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_info (Student_Id, Student_Name, DOJ, Semester, Dept_Name) values (1,'nikhil C','16/9/2017',4,'CSE');

InvalidRequest: Error from server: code=2200 [Invalid query] message="No keyspace has been specified. USE a keyspace, or explicitly specify keyspace.tablename"

cqlsh> cqlsh:student> select * from student_info;

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

cqlsh> insert into student_info (Student_Id, Student_Name, DOJ, Semester, Dept_Name) values (1,'nikhil C','16/9/2017',4,'CSE');

InvalidRequest: Error from server: code=2200 [Invalid query] message="No keyspace has been specified. USE a keyspace, or explicitly specify keyspace.tablename"

cqlsh> insert into student_info (Student_Id, Student_Name, DOJ, Semester, Dept_Name) values (1,'Priyanka S','22/02/2000',7,'CSE');

InvalidRequest: Error from server: code=2200 [Invalid query] message="No keyspace has been specified. USE a keyspace, or explicitly specify keyspace.tablename"

cqlsh> insert into Student.student_info (Student_Id, Student_Name, DOJ, Semester, Dept_Name) values (1,'Priyanka S','22/02/2018',7,'CSE');

cqlsh> insert into Student.student_info (Student_Id, Student_Name, DOJ, Semester, Dept_Name) values (2,'Jamuna S','24/05/2018',3,'CSE');

cqlsh> BEGIN BATCH

... insert into Student.student_info (Student_Id, Student_Name, DOJ, Semester, Dept_Name) values (3,'Lavanya','30/05/2018',3,'ISE');

... insert into Student.student_info (Student_Id, Student_Name, DOJ, Semester, Dept_Name) values (4,'Ramya','30/05/2018',3,'ISE');

... APPLY BATCH;

cqlsh> select * from Studnet.student_info;

InvalidRequest: Error from server: code=2200 [Invalid query] message="Keyspace studnet does not exist"

cqlsh> select * from Student.student_info;

student_id	dept_name	doj	semester	student_name
1	CSE	22/02/2018	7	Priyanka S
2	CSE	24/05/2018	3	Jamuna S
4	ISE	30/05/2018	3	Ramya
3	ISE	30/05/2018	3	Lavanya

(4 rows)

cqlsh> update Studnet.student_info set student_name = 'megha' WHERE student_id = 4;



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cqlsh> select * from Studnet.student_info;

InvalidRequest: Error from server: code=2200 [Invalid query] message="Keyspace studnet does not exist"

cqlsh> select * from Student.student_info;

student_id	dept_name	doj	semester	student_name
1	CSE	22/02/2018	7	Priyanka S
2	CSE	24/05/2018	3	Jamuna S
4	ISE	30/05/2018	3	Ramya
3	ISE	30/05/2018	3	Lavanya

(4 rows)

cqlsh> update Studnet.student_info set student_name = 'megha' WHERE student_id = 4;

InvalidRequest: Error from server: code=2200 [Invalid query] message="Keyspace studnet does not exist"

cqlsh> update Student.student_info set student_name = 'megha' WHERE student_id = 4;

cqlsh> select * from Student.student_info;

student_id	dept_name	doj	semester	student_name
1	CSE	22/02/2018	7	Priyanka S
2	CSE	24/05/2018	3	Jamuna S
4	ISE	30/05/2018	3	megha
3	ISE	30/05/2018	3	Lavanya

(4 rows)

cqlsh>



Type here to search

