

BDA LAB 5

Outputs

1. Create a keyspace by name Student

```
cqlsh> CREATE KEYSPACE student WITH REPLICATION={ 'class': 'SimpleStrategy', 'replication_factor':1};
cqlsh> DESCRIBE KEYSPACES;
```

system_schema	system_auth	system	student	system_distributed	system_traces
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2. Create a column family by name Student-Info with attributes Student_Id Primary Key, Stude_Name, Date_of_Joining, Semester, Dept_Name

```
cqlsh> USE student;
cqlsh:student> CREATE TABLE Student_Info(Student_ID int PRIMARY KEY,Student_Name VARCHAR,Date_Of_Joining VARCHAR,Semester INT,Dept_Name VARCHAR);
cqlsh:student> DESCRIBE TABLES;
```

student_info

3. Insert the values into the table in batch

```
cqlsh:student> BEGIN BATCH INSERT INTO Student_Info(Student_ID,Student_Name,Date_Of_Joining,Semester,Dept_Name)VALUES(1,
'Nam','01/08/2017',7,'CSE');INSERT INTO Student_Info(Student_ID,Student_Name,Date_Of_Joining,Semester,Dept_Name)VALUES(2
,'Amy','01/08/2017',7,'ISE');APPLY BATCH;
cqlsh:student> SELECT * FROM Student_Info;
```

student_id	date_of_joining	dept_name	semester	student_name
1	01/08/2017	CSE	7	Nam
2	01/08/2017	ISE	7	Amy

(2 rows)

4. Update Student name of Student_Id 2

```
cqlsh:student> UPDATE Student_Info SET Student_Name='Sandy' WHERE Student_ID=2;
cqlsh:student> SELECT * FROM Student_Info;
```

student_id	date_of_joining	dept_name	semester	student_name
1	01/08/2017	CSE	7	Nam
2	01/08/2017	ISE	7	Sandy

(2 rows)