

BDA LAB 5- CASSANDRA

OUTPUT SCREENSHOTS

1. Create a keyspace by name Student

```
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':3};
```

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 COLUMNFAMILY Student_Info(Student_ID INT PRIMARY KEY, Student_Name VARCHAR, Date_Of_Joining VARCHAR, Sem INT, Dept_Name VARCHAR);
```

3. Insert the values into the table in batch

```
cqlsh:student> BEGIN BATCH
... INSERT INTO Student_Info(Student_ID,Student_Name,Date_Of_Joining,Sem,Dept_Name)values(1,'Rahul','25/6/2017',7,'CSE');
... INSERT INTO Student_Info(Student_ID,Student_Name,Date_Of_Joining,Sem,Dept_Name)values(2,'Mishra','12/6/2017',6,'ISE');
... APPLY BATCH;
```

```
cqlsh:student> SELECT * FROM Student_Info;
```

student_id	date_of_joining	dept_name	sem	student_name
1	25/6/2017	CSE	7	Rahul
2	12/6/2017	ISE	6	Mishra

(2 rows)

4. Update Student name of Student_Id 2

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

student_id	date_of_joining	dept_name	sem	student_name
1	25/6/2017	CSE	7	Rahul
2	12/6/2017	ISE	6	Antonio

(2 rows)

```
cqlsh:student>
```