

—: LAB-04:—

A Working with Cassandra:—01 Create KeySpace:-

```
→ CREATE KEYSPACE Students WITH REPLICATION =
{'class': 'SimpleStrategy', 'replication-factor': 1};
```

02 Describe the existing Keyspaces:

```
→ DESCRIBE KEYSPACES;
```

#Output:

System-Schema	System-auth	System-distributed
System-traces	Students	

03 Use the Keyspace "Students":

```
→ USE Students
```

A To create table (column family) by name Student-Info:

```
→ CREATE TABLE Students-Info (
Roll-No int PRIMARY KEY,
StudName text,
DateOfJoining timestamp,
last-exam-Percent double
);
```

A Insert;

```
→ BEGIN BATCH
```

```
INSERT INTO Students-Info (Roll-No, StudName,
DateOfJoining, last-exam-Percent)
```

```
VALUES (1, 'Asha', '2012-03-12', 79.9)
```

```
INSERT INTO Students-Info (Roll-No, StudName,
DateOfJoining, last-exam-Percent)
```

```
VALUES (1, 'Karan', '2012-03-12', 89.9)
```



```

INSERT INTO _____
VALUES (1, 'Tarun', '2012-03-12', 78.9)
INSERT INTO _____
VALUES (1, 'Samarth', '2012-03-12', 90.9)
INSERT INTO _____
VALUES (1, 'Smidha', '2012-03-12', 67.9)
INSERT INTO _____
VALUES (1, 'Rohan', '2012-03-12', 56.9)
APPLY BATCH;

```

★ SELECT * FROM Students-Info;

<u>roll-no</u>	<u>date-of-joining</u>	<u>last-exam-percent</u>	<u>student name</u>
5	2012-03-11	67.9	Smidha
1	2012-03-11	79.9	Ashu
2	2012-03-11	89.9	Kiran
4	2012-03-11	90.9	Samarth
6	2012-03-11	56.9	Rohan
3	2012-03-11	78.9	Tarun

★ ~~SELECT * FROM Students-Info WHERE~~
~~Roll-No IN(1, 2, 3);~~

<u>roll-no</u>	<u>date-of-joining</u>	<u>last-exam-percent</u>	<u>Student name</u>
1	2012-03-11	79.9	Ashu
2	2012-03-11	89.9	Kiran
3	2012-03-11	78.9	Tarun

★ SELECT * FROM students_info WHERE
Student_name = 'Asha';

<u>roll.no</u>	<u>date-of-joining</u>	<u>last exam-percent</u>	<u>Student name</u>
1	2012-03-11	79.9	Asha

★ SELEC roll.no AS "USN" FROM students_info;

USN

5

1

2

4

6

3

★ UPDATE students_info
SET Student_name = 'David Sheen'
WHERE roll.no = 2 AND date-of-joining = '2012-03-11';

★ SELECT * FROM students_info WHERE Roll.no = 2;

<u>roll.no</u>	<u>date-of-joining</u>	<u>last exam-percent</u>	<u>Student name</u>
2	2012-03-11	89.9	David Sheen

★ CREATE TABLE eLearningList
(id int PRIMARY KEY,
course_order int,
course_id int,
course_owner text,
title text
);

study
11/1/25