**Aim:** Demonstrate the Accessing and Storing and performing CRUD operations in

1. HBase
2. Apache Cassandra

RUN: **Apache Cassandra**

**Command to create keyspace**

---->CREATE KEYSPACE studentDB WITH replication = {'class':'SimpleStrategy', 'replication\_factor' : 1};

**Command to use keyspace**

---->use studentDB;

**Command to create table**

---->CREATE TABLE student(

s\_id int PRIMARY KEY,

s\_name text,

s\_city text,

s\_class text

);

**Command to insert data**

---->INSERT INTO student (s\_id,s\_name,s\_city,s\_class)VALUES(1,'Raj', 'Mumbai', 'MSc\_CS');

---->INSERT INTO student (s\_id,s\_name,s\_city,s\_class)VALUES(2,'Mohit', 'Thane', 'MSc\_IT');

---->INSERT INTO student (s\_id,s\_name,s\_city,s\_class)VALUES(3,'Mohan', 'Kalyan', 'MSc\_CS');

---->INSERT INTO student (s\_id,s\_name,s\_city,s\_class)VALUES(4,'Sandeep', 'Pune', 'MSc\_CS');

---->INSERT INTO student (s\_id,s\_name,s\_city,s\_class)VALUES(5,'Suraj', 'Mumbai', 'MSc\_IT');

**Command to read data**

---->SELECT \* FROM student;

**Command to update data**

---->UPDATE student SET s\_city='Thane' WHERE s\_id=4;

**Command to delete a data**

---->DELETE s\_class FROM student WHERE s\_id=5;

**Command to delete a row**

---->DELETE FROM student WHERE s\_id=5;