**LAB ASSIGNMENT-1**

1. **Objective: To create a column family or table by the name “student\_info".**

CREATE TABLE Student\_info ( RollNo int PRIMARY KEY, StudName text, Dateof joining timestamp, LastExamPercent double );

1. **Objective: To describe the details of student\_info table,**

DESCRIBE TABLE student\_info;

1. **Objective: To insert data into the column family "student\_info** “

BEGIN BATCH

INSERT INTO student\_info (RollNo,StudName,DateofJoining,LastExamPercent) VALUES (l,'Michael Storm','2012-03-29', 69.6) //minimum 5 entries here

APPLY BATCH;

1. **Objective: To view the data from the table "student\_info".**

SELECT \* FROM student\_info;

1. **Objective: To view only those records where the RollNo column either has a value 1 or 2 or 3.** SELECT \* FROM student\_info WHERE RollNo IN(1,2,3);
2. **Objective:** **To create an index on studentname column of the student\_info table**

CREATE INDEX ON student\_info(studname)

1. **Objective: To retrieve the value from student\_info based on studentname**

SELECT \* FROM student\_info WHERE studname=’ ‘;

1. **Objective: create another index on the "LastExamPercent" column of the "student\_info"**

CREATE INDEX ON student\_info(LastExamPercent);

1. **Objective: To specify the number of rows rerurned in the output using limit**.

SELECT rollno, hobbies, lastexampercent FROM studencinfo LIMIT 2;

1. **Objective: To try updating the value of a primary key column**.

UPDATE student\_info SET rollno=6 WHERE rollno=3;

1. **Objective: To delete the column "LastExamPercent" from the "student\_info" table** **for the record where the RollNo = 2.**

Delete LastExamPercent from student\_info WHERE RollNo=2;

1. **Objective: To delete a row (where RollNo = 2) from the table "student\_info".**

Delete from student\_info WHERE RollNo=2;

1. **Objective .To update the value held in the "StudName" column of the "student\_info" column family to "Dileep" for the record where the RollNo column has value = 2.**

UPDATE student\_info SET StudName = 'Dileep' WHERE RollNo = 2

1. **Objective: To use column alias for the column "rollno" in the "student\_info" table.**

SELECT studname, rollno AS "RegNo" FROM student\_info;

**LAB ASSIGNMENT-2**