**SQL-LAB-1**

1.Create table named “**Student**” with the following columns

Student\_ID INT AUTO\_INCREMENT,

First\_Name VARCHAR(30),

Last\_Name VARCHAR(30),

Birth\_Date DATE,

Street\_Name Varchar(50),

City Varchar(50),

ZipCode INT,

Primary\_Key (student\_id)

2.Alter table to add new column “Program VARCHAR(30)”

3.Insert five records in Student table with Student\_id 1,2,3,4,5

INSERT INTO STUDENT VALUES (1, ‘Stacy, ‘Richmond’, ‘08/29/1992’,’Benton Street’,’Santa Clara’,95050)

4.Update the student’s street\_name = ‘Washington Street’

and city =’Sunnyvale’ and zipcode=95055 where student\_id = 2

5.Delete student record where student\_id = 5

6.Add another table named “**Courses**” with following columns with reference to “Student” table above, add Student\_ID as foreign key

Course\_Id INT,

Student\_Id INT,

Course\_Name VARCHAR(50),

Units INT,

Primary\_Key (Course\_id),

Foreign\_Key (student\_id)

7.Insert any 5 records in Courses table that references student\_id in Student table

8.Delete record from Courses table where Student\_Id =6(It should give referential Integrity Constraints error)