**Lab Task(s):**

Exercise

Using Employee table, solve the following queries (1-5).

1.      Create a separate database and replica of Employee table with at least 10 the records in it same as Employee Table of HR Schema.

2.      Add a column ‘Address’ in it.

3.      Drop column ‘Address’ from it.

4.      Add columns ‘House No’ character, ’Street No’ numeric, ’Area’ character,’City’ character in it with the respective data types.

5.      Change the data type of ‘House No’ from character to numeric.

6.      Create the Data Definitions for each of the relations shown below, using SQL DDL. Explore the internet to identify how primary key and foreign keys are created. Assume the following attributes and data types:

**FACULTY:**

FacultyID (integer, primary key)

FacultyName (25 characters)

**COURSE:**

CourseID (8 characters, primary key)

CourseName (15 characters)

**CLASS:**

ClassID (8 characters)

CourseID (8 characters foreign key)

SectionNo (integer)

Semester (10 characters)

**STUDENT:**

StudentID (integer, primary key)

StudentName (25 characters)

FacultyID (integer foreign key)

7.      How would you add an attribute, CLASS, to the STUDENT table?

8.      Write a SQL statement to rename the table department to dept (with both methods).

9.      Write a SQL statement to add a column regionId to the table locations.

10.  Write a SQL statement to change the name of the column state\_province to state in locations table, keeping the data type and size same.

**END**