LOKESH K CSE

TASK-4

1. Create a table with 5 fields with primary key(student).
   Solution:

```
CREATE TABLE Students (
  student_id INT PRIMARY KEY,
  student_name VARCHAR(50) ,
  student_age VARCHAR(50) ,
  student_phone_number VARCHAR(15) ,
  student_address VARCHAR(50)
);

INSERT INTO Students (student_id, student_name, student_age,
        student_phone_number, student_address) VALUES
(101, 'Alice', 20, 4244656690, 'Madurai'),
(102, 'Bob', 21, 2244870690, 'Selam'),
(103, 'John', 20, 4334653690, 'Chennai'),
(104, 'Mary', 19, 3844656890, 'Pune'),
(105, 'Rose', 22, 4254656790, 'Ooty');
```

2. Create a table with 5 fields with primary key(course).
   Solution:

```
CREATE TABLE Courses (
  course_id INT PRIMARY KEY,
  course_name VARCHAR(50) ,
  course_description VARCHAR(50) ,
  instructor_name VARCHAR(50) ,
 credits VARCHAR(50)
);

INSERT INTO Courses (course_id, course_name, course_description,
        instructor_name, credits)
VALUES
```

(231, 'Introduction to Programming', 'This course introduces fundamental programming concepts...', 'John Smith', 3),
(232, 'Database Management Systems', 'This course covers the design, implementation, and use of database systems.', 'Prof. Jones', 'Information Technology', 4),
(233, 'Calculus I', 'This course introduces the basic concepts of differential calculus.', 'Prof. Lee', 'Mathematics', 3);
(234, 'English Literature', 'This course introduces fundamental language concepts...', 'Ms. Brown', 3),
(235, 'Marketing Principles', 'This course introduces marketing principle concepts...', 'Mrs. Garcia', 3);

3. Delete any record from the table.
   Solution:

   ```
   DELETE FROM Students WHERE student_id = 102;
   ```

4. Delete all the data from the table.
   Solution:

   ```
   DELETE FROM Students;
   ```

5. Delete the entire table from the database.
   Solution:

   ```
   DROP TABLE Students;
   ```