NAME: KOMARABATHINI NISHITHA

STUDENT ID:AF0400939

1.Create a table with named Score with attributes:

● ScoreID (Primary Key)

● CourseID (Foreign key)

● StudentID (Foreign Key)

● DateOfExam

● CreditObtained

SYNTAX:

```
mysql> create table score(
    -> scoreid int primary key,
    -> courseid int,
    -> dateofexam date,
    -> creditobtained decimal(5,2),
    -> studentid int);
Query OK, 0 rows affected (0.00 sec)
```

TABLE:

```
mysql> desc score;
+---------------+--------------+------+-----+---------+-------+
| Field         | Type         | Null | Key | Default | Extra |
+---------------+--------------+------+-----+---------+-------+
| scoreid       | int(11)      | NO   | PRI | NULL    |       |
| courseid      | int(11)      | YES  |     | NULL    |       |
| dateofexam    | date         | YES  |     | NULL    |       |
| creditobtained| decimal(5,2) | YES  |     | NULL    |       |
| studentid     | int(11)      | YES  |     | NULL    |       |
+---------------+--------------+------+-----+---------+-------+
5 rows in set (0.00 sec)
```

2.Create a table with named Feedback with attributes:

● FeedbackID (Primary Key)

● StudentID (Foreign key)

● Date

● InstructorName

● Feedback

SYNTAX:

```
mysql> CREATE TABLE Feedback (
    ->     FeedbackID INT PRIMARY KEY,
    ->     Date DATE,
    ->     InstructorName VARCHAR(100),
    ->     Feedback TEXT,
    ->    studentid int);
Query OK, 0 rows affected (0.02 sec)
```

TABLE:

```
mysql> desc feedback;
+----------------+--------------+------+-----+---------+-------+
| Field          | Type         | Null | Key | Default | Extra |
+----------------+--------------+------+-----+---------+-------+
| FeedbackID     | int(11)      | NO   | PRI | NULL    |       |
| Date           | date         | YES  |     | NULL    |       |
| InstructorName | varchar(100) | YES  |     | NULL    |       |
| Feedback       | text         | YES  |     | NULL    |       |
| studentid      | int(11)      | YES  |     | NULL    |       |
+----------------+--------------+------+-----+---------+-------+
5 rows in set (0.02 sec)
```

Task 1: **Use the Database and table from Day 1 lab (pervious lab). Insert 5 records in each table and retrieve data from all tables and displays.**

1.STUDENT:

SYNTAX:

```
mysql> insert into student(id,firstname,lastname,dateofbirth,gender,email,phone)
    -> values(1,'komarabathini','nishitha','2002-08-09','f','nishithanishaa@gmail.com',9381853512);
Query OK, 1 row affected (0.00 sec)

mysql> insert into student(id,firstname,lastname,dateofbirth,gender,email,phone)
    -> values(2,'thudum','sagar','1996-09-15','m','thudumsagar@gmail.com',9550199602);
Query OK, 1 row affected (0.00 sec)

mysql> insert into student(id,firstname,lastname,dateofbirth,gender,email,phone)
    -> values(3,'vempati','lokithjai','2022-04-04','m','lokithjai@gmail.com',9430168425);
Query OK, 1 row affected (0.01 sec)
```

```
mysql> insert into student(id,firstname,lastname,dateofbirth,gender,email,phone)
    -> values(4,'tudum','priyanka','1993-04-02','f','priyanka@gmail.com',9134584243);
Query OK, 1 row affected (0.00 sec)

mysql> insert into student(id,firstname,lastname,dateofbirth,gender,email,phone)
    -> values(5,'thudum','jayakanth','1990-03-16','f','jayakanth@gmail.com',9843203751);
Query OK, 1 row affected (0.01 sec)
```

TABLE:

```
mysql> select * from student;
+----+---------------+-----------+------------+--------+--------------------------+------------+
| id | firstname     | lastname  | dateofbirth| gender | email                    | phone      |
+----+---------------+-----------+------------+--------+--------------------------+------------+
|  1 | komarabathini | nishitha  | 2002-08-09 | f      | nishithanishaa@gmail.com | 9381853512 |
|  2 | thudum        | sagar     | 1996-09-15 | m      | thudumsagar@gmail.com    | 9550199602 |
|  3 | vempati       | lokithjai | 2022-04-04 | m      | lokithjai@gmail.com      | 9430168425 |
|  4 | tudum         | priyanka  | 1993-04-02 | f      | priyanka@gmail.com       | 9134584243 |
|  5 | thudum        | jayakanth | 1990-03-16 | f      | jayakanth@gmail.com      | 9843203751 |
+----+---------------+-----------+------------+--------+--------------------------+------------+
5 rows in set (0.00 sec)
```

2.COURSE:

SYNTAX:

```
mysql> insert into course
    -> values(101,'java',4);
Query OK, 1 row affected (0.01 sec)

mysql> insert into course
    -> values(102,'python',3);
Query OK, 1 row affected (0.00 sec)

mysql> insert into course
    -> values(103,'c++',3);
Query OK, 1 row affected (0.00 sec)

mysql> insert into course
    -> values(104,'html',2);
Query OK, 1 row affected (0.00 sec)

mysql> insert into course
    -> values(105,'ruby',4);
Query OK, 1 row affected (0.00 sec)
```

TABLE:

```
mysql> select * from course;
+----------+-------------+---------+
| CourseID | CourseTitle | Credits |
+----------+-------------+---------+
|      101 | java        |       4 |
|      102 | python      |       3 |
|      103 | c++         |       3 |
|      104 | html        |       2 |
|      105 | ruby        |       4 |
+----------+-------------+---------+
5 rows in set (0.00 sec)
```

3.INSTRUCTOR:

SYNTAX:

```
mysql> insert into instructor(InstructorID,FirstName,LastName,Email)
    -> values(11,'komarabathini','nishaa','nishitha@gmail.com');
Query OK, 1 row affected (0.01 sec)

mysql> insert into instructor(InstructorID,FirstName,LastName,Email)
    -> values(22,'thudum','sagar','sagar@gmail.com');
Query OK, 1 row affected (0.02 sec)

mysql> insert into instructor(InstructorID,FirstName,LastName,Email)
    -> values(33,'vempati','lokith','lokith@gmail.com');
Query OK, 1 row affected (0.00 sec)

mysql> insert into instructor(InstructorID,FirstName,LastName,Email)
    -> values(44,'vempati','karthika','karthika@gmail.com');
Query OK, 1 row affected (0.00 sec)

mysql> insert into instructor(InstructorID,FirstName,LastName,Email)
    -> values(55,'thudum','priyanka','priyanka@gmail.com');
Query OK, 1 row affected (0.00 sec)
```

TABLE:

```
mysql> select * from instructor;
+--------------+---------------+----------+---------------------+
| InstructorID | FirstName     | LastName | Email               |
+--------------+---------------+----------+---------------------+
|           11 | komarabathini | nishaa   | nishitha@gmail.com  |
|           22 | thudum        | sagar    | sagar@gmail.com     |
|           33 | vempati       | lokith   | lokith@gmail.com    |
|           44 | vempati       | karthika | karthika@gmail.com  |
|           55 | thudum        | priyanka | priyanka@gmail.com  |
+--------------+---------------+----------+---------------------+
5 rows in set (0.00 sec)
```

Task2: Update the Student table with the following information:

Update/Change the email to 'jane_Smith@example.com' and make FirstName is 'Jane' and LastName is 'Smith' and any students in your student table;

```
mysql> update student
    -> set email='nishithanishaa1509@gmail.com' where id=1;
Query OK, 1 row affected (0.02 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```

TABLE:

```
mysql> select * from student;
+----+--------------+-----------+------------+--------+------------------------------+------------+
| id | firstname    | lastname  | dateofbirth| gender | email                        | phone      |
+----+--------------+-----------+------------+--------+------------------------------+------------+
|  1 | komarabathini| nishitha  | 2002-08-09 | f      | nishithanishaa1509@gmail.com | 9381853512 |
|  2 | thudum       | sagar     | 1996-09-15 | m      | thudumsagar@gmail.com        | 9550199602 |
|  3 | vempati      | lokithjai | 2022-04-04 | m      | lokithjai@gmail.com          | 9430168425 |
|  4 | tudum        | priyanka  | 1993-04-02 | f      | priyanka@gmail.com           | 9134584243 |
|  5 | thudum       | jayakanth | 1990-03-16 | f      | jayakanth@gmail.com          | 9843203751 |
+----+--------------+-----------+------------+--------+------------------------------+------------+
5 rows in set (0.00 sec)
```

Task3 : perform the filtration on the table by given data

display student/students records from the Student table where the last name is Smith.

SYNTAX:

```
mysql> select * from student
    -> where firstname='thudum';
```

TABLE:

```
+----+-----------+-----------+------------+--------+-----------------------+------------+
| id | firstname | lastname  | dateofbirth| gender | email                 | phone      |
+----+-----------+-----------+------------+--------+-----------------------+------------+
|  2 | thudum    | sagar     | 1996-09-15 | m      | thudumsagar@gmail.com | 9550199602 |
|  5 | thudum    | jayakanth | 1990-03-16 | f      | jayakanth@gmail.com   | 9843203751 |
+----+-----------+-----------+------------+--------+-----------------------+------------+
2 rows in set (0.00 sec)
```

Task 4: Delete the record from the Student table on the following condition:

Delete student/student records from the Student table where the First name is 'Jane'.

SYNTAX:

```
mysql> delete from student
    -> where id=1;
Query OK, 1 row affected (0.00 sec)
```

TABLE:

```
mysql> select * from student;
+----+-----------+-----------+------------+--------+------------------------+------------+
| id | firstname | lastname  | dateofbirth | gender | email                  | phone      |
+----+-----------+-----------+------------+--------+------------------------+------------+
|  2 | thudum    | sagar     | 1996-09-15 | m      | thudumsagar@gmail.com  | 9550199602 |
|  3 | vempati   | lokithjai | 2022-04-04 | m      | lokithjai@gmail.com    | 9430168425 |
|  4 | tudum     | priyanka  | 1993-04-02 | f      | priyanka@gmail.com     | 9134584243 |
|  5 | thudum    | jayakanth | 1990-03-16 | f      | jayakanth@gmail.com    | 9843203751 |
+----+-----------+-----------+------------+--------+------------------------+------------+
4 rows in set (0.00 sec)
```