

Name:M.SaiNavitha

AF0400796

Lab 2

Create a table with named Score with attributes:

- ScoreID (Primary Key)
- CourseID (Foreign key)
- StudentID (Foreign Key)
- DateOfExam
- CreditObtained

CREATE TABLE Score (

```
-> ScoreID INT AUTO_INCREMENT PRIMARY KEY,  
-> CourseID INT,  
-> StudentID INT,  
-> DateOfExam DATE,  
-> CreditObtained DECIMAL(5,2),  
-> FOREIGN KEY (CourseID) REFERENCES Course(CourseID),  
-> FOREIGN KEY (StudentID) REFERENCES Student(StudentID)  
-> );
```

Query OK, 0 rows affected (0.02 sec)

```
mysql> desc Score;
+-----+-----+-----+-----+-----+-----+
| Field          | Type          | Null | Key | Default | Extra          |
+-----+-----+-----+-----+-----+-----+
| ScoreID        | int(11)       | NO   | PRI | NULL    | auto_increment |
| CourseID       | int(11)       | YES  | MUL | NULL    |                |
| StudentID      | int(11)       | YES  | MUL | NULL    |                |
| DateOfExam     | date          | YES  |     | NULL    |                |
| CreditObtained | decimal(5,2)  | YES  |     | NULL    |                |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

Create a table with named Feedback with attributes:

- FeedbackID (Primary Key)
- StudentID (Foreign key)
- Date
- InstructorName
- Feedback

CREATE TABLE Feedback (

- > FeedbackID INT AUTO_INCREMENT PRIMARY KEY,
- > StudentID INT,
- > Date DATE,
- > InstructorName VARCHAR(100),
- > Feedback TEXT,
- >
- > FOREIGN KEY (StudentID) REFERENCES Student(StudentID)
- >);

Query OK, 0 rows affected (0.00 sec)

```
mysql> desc Feedback;
```

| Field | Type | Null | Key | Default | Extra |
|----------------|--------------|------|-----|---------|----------------|
| FeedbackID | int(11) | NO | PRI | NULL | auto_increment |
| StudentID | int(11) | YES | MUL | NULL | |
| Date | date | YES | | NULL | |
| InstructorName | varchar(100) | YES | | NULL | |
| Feedback | text | YES | | NULL | |

5 rows in set (0.00 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

insert into Instructor(InstructorID, FirstName, LastName, Email)

-> values('4','varalau','bhumana','varalakshmi@gmail.com'),

-> ('27','namratha','siri','namrathasiri@gmail.com'),

(1,'Akash','Kumar','akashkumar@gmail.com'),

-> (2,'surekha','suttari','surekhakumari@gmail.com')

-> (3,'Bishwas','Bora','borabishwas@gmail.com');

```
mysql> select * from Instructor;
```

| InstructorID | FirstName | LastName | Email |
|--------------|-----------|----------|------------------------|
| 1 | Akash | Kumar | akashkumar@gmail.com |
| 2 | surekha | suttari | surekhakumari@gmailcom |
| 3 | Bishwas | Bora | borabishwas@gmail.com |
| 4 | varalau | bhumana | varalakshmi@gmail.com |
| 27 | namratha | siri | namrathasiri@gmail.com |

5 rows in set (0.00 sec)

insert into course(courseId, CourseName)

-> values('14','javafullstack'),

-> ('15','python'),

-> ('16','SQL'),

-> ('11','designing'),

-> ('17','testing');

Query OK, 5 rows affected (0.02 sec)

Records: 5 Duplicates: 0 Warnings: 0

```
mysql> select * from course;
+-----+-----+
| CourseID | CourseName |
+-----+-----+
|      11 | designing  |
|      14 | javafullstack |
|      15 | python     |
|      16 | SQL        |
|      17 | testing    |
+-----+-----+
5 rows in set (0.01 sec)
```

```
-> INSERT INTO student(StudentID,FirstName,LastName,DateOfBirth,Gender,Email)
-> values(136,'sainavitha','mula','2001-02-14','female','sainavithamula@gmail.com'),
-> (145,'srujana','narla','2000-05-23','female','srujananarla@gmail.com'),
-> (120,'pavan','vemula','2002-02-13','male','pavanvemula@gmail.com'),
-> (176,'narayan','siri','2000-04-12','male','narayansiri@gmail.com'),
-> (122,'ramani','valli','2003-04-14','female','ramanivalli@gmail.com');
```

Query OK, 5 rows affected (0.02 sec)

Records: 5 Duplicates: 0 Warnings: 0

Input for the program (Optional)

| StudentID | FirstName | LastName | DateOfBirth | Gender | Email | Phone |
|-----------|------------|----------|-------------|--------|--------------------------|-------|
| 120 | pavan | vemula | 2002-02-13 | Male | pavanvemula@gmail.com | NULL |
| 122 | ramani | valli | 2003-04-14 | Female | ramanivalli@gmail.com | NULL |
| 136 | sainavitha | mula | 2001-02-14 | Female | sainavithamula@gmail.com | NULL |
| 145 | srujana | narla | 2000-05-23 | Female | srujananarla@gmail.com | NULL |
| 176 | narayan | siri | 2000-04-12 | Male | narayansiri@gmail.com | NULL |

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;

UPDATE student

set FirstName = 'Jane', LastName = 'Smith', Email = 'jane_Smith@example.com'
WHERE StudentID = 176;

Output:

| StudentID | FirstName | LastName | DateOfBirth | Gender | Email | Phone |
|-----------|------------|----------|-------------|--------|--------------------------|-------|
| 120 | pavan | vemula | 2002-02-13 | Male | pavanvemula@gmail.com | NULL |
| 122 | ramani | valli | 2003-04-14 | Female | ramanivalli@gmail.com | NULL |
| 136 | sainavitha | mula | 2001-02-14 | Female | sainavithamula@gmail.com | NULL |
| 145 | srujana | narla | 2000-05-23 | Female | srujananarla@gmail.com | NULL |
| 176 | Jane | Smith | 2000-04-12 | Male | jane_Smith@example.com | NULL |

task 3 : perform the filtration on the table by given data

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

| StudentID | FirstName | LastName | DateOfBirth | Gender | Email | Phone |
|-----------|-----------|----------|-------------|--------|------------------------|-------|
| 176 | Jane | Smith | 2000-04-12 | Male | jane_Smith@example.com | NULL |

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'.

DELETE FROM student

WHERE FirstName = 'Jane';

| StudentID | FirstName | LastName | DateOfBirth | Gender | Email | Phone |
|-----------|------------|----------|-------------|--------|--------------------------|-------|
| 120 | pavan | vemula | 2002-02-13 | Male | pavanvemula@gmail.com | NULL |
| 122 | ramani | valli | 2003-04-14 | Female | ramanivalli@gmail.com | NULL |
| 136 | sainavitha | mula | 2001-02-14 | Female | sainavithamula@gmail.com | NULL |
| 145 | srujana | narla | 2000-05-23 | Female | srujananarla@gmail.com | NULL |
| 176 | narayan | siri | 2000-04-12 | Male | narayansiri@gmail.com | NULL |