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Lab 2:

Create a table with named Score with attributes:

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

```
mysql> create table Score(ScoreID INT NOT NULL AUTO_INCREMENT PRIMARY KEY,
```

```
-> C_id INT,
```

```
-> s_id INT,
```

```
-> DateOfExam DATE,
```

```
-> CreditsObtained DECIMAL(5,2),
```

```
-> Foreign key(C_id) REFERENCES course(C_id),
```

```
-> Foreign key(s_id) REFERENCES std_details(s_id)
```

```
-> );
```

Query OK, 0 rows affected (0.03 sec)

```
mysql> desc Score;
```

Field	Type	Null	Key	Default	Extra
ScoreID	int(11)	NO	PRI	NULL	auto_increment
C_id	int(11)	YES	MUL	NULL	
s_id	int(11)	YES	MUL	NULL	
DateOfExam	date	YES		NULL	
CreditsObtained	decimal(5,2)	YES		NULL	

```
5 rows in set (0.03 sec)
```

Create a table with named Feedback with attributes:

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

```
mysql> create table Feedback(FeedbackID INT PRIMARY KEY AUTO_INCREMENT,  
-> s_id INT,  
-> date DATE,  
-> InstructorName VARCHAR(100),  
-> Feedback TEXT,  
-> Foreign key(s_id) REFERENCES std_details(s_id)  
-> );
```

Query OK, 0 rows affected (0.04 sec)

```
mysql> desc Feedback;  
+-----+-----+-----+-----+-----+-----+  
| Field      | Type      | Null | Key | Default | Extra      |  
+-----+-----+-----+-----+-----+-----+  
| FeedbackID | int(11)   | NO   | PRI | NULL    | auto_increment |  
| s_id       | int(11)   | YES  | MUL | NULL    |              |  
| date       | date      | YES  |     | NULL    |              |  
| InstructorName | varchar(100) | YES  |     | NULL    |              |  
| Feedback   | text      | YES  |     | NULL    |              |  
+-----+-----+-----+-----+-----+-----+  
5 rows in set (0.03 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('3','anu','gaddam','anu123@gmail.com'),
```

```
-> ('4','bindu','kumari','bindu123@gmail.com'),
```

```
-> ('5','jyothi','nayudu','jyo123@gmail.com'),
```

-> ('6','kavi','mandla','kavi123@gmail.com'),

-> ('7','navi','reddy','navi123@gmail.com');

Query OK, 5 rows affected (0.02 sec)

```
mysql> select *from Instructor;
+-----+-----+-----+-----+
| InstructorID | FirstName | LastName | Email |
+-----+-----+-----+-----+
|          3 | anu      | gaddam  | anu123@gmail.com |
|          4 | bindu    | kumari   | bindu123@gmail.com |
|          5 | jyothi   | nayudu   | jyo123@gmail.com |
|          6 | kavi     | mandla   | kavi123@gmail.com |
|          7 | navi     | reddy    | navi123@gmail.com |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

mysql> insert into course(C_id,C_title,Credits)

-> values('20','java','5'),

-> ('21','python','4'),

-> ('22','webtech','3'),

-> ('23','testing','5'),

-> ('24','sql','4');

Query OK, 5 rows affected (0.00 sec)

Records: 5 Duplicates: 0 Warnings: 0

```
mysql> select *from course;
+-----+-----+-----+
| C_id | C_title | Credits |
+-----+-----+-----+
|    20 | java    |        5 |
|    21 | python  |        4 |
|    22 | webtech |        3 |
|    23 | testing |        5 |
|    24 | sql     |        4 |
+-----+-----+-----+
5 rows in set (0.00 sec)
```

```
mysql> insert into std_details(s_id,FirstName,LastName,DateOfBirth,Gender,Email,Phone)
```

```
-> values('50','vijju','mandla','2002-02-22','male','vijju@gmail.com','2222222222'),
```

```
-> ('51','chinna','gujjula','2001-06-24','male','chinna@gmail.com','1111111111'),
```

```
-> ('52','akhi','gujjula','2002-01-11','female','akhi@gmial.com','3333333333'),
```

```
-> ('53','akhil','nayudu','2004-06-26','male','akhil@gmial.com','4444444444'),
```

```
-> ('54','bunty','reddy','2003-03-14','male','bunty@gmial.com','5555555555');
```

Query OK, 5 rows affected (0.00 sec)

Records: 5 Duplicates: 0 Warnings: 0

```
mysql> select *from std_details;
+-----+-----+-----+-----+-----+-----+-----+
| s_id | FirstName | LastName | DateOfBirth | Gender | Email | Phone |
+-----+-----+-----+-----+-----+-----+-----+
| 50 | vijju | mandla | 2002-02-22 | Male | vijju@gmail.com | 2222222222 |
| 51 | chinna | gujjula | 2001-06-24 | Male | chinna@gmail.com | 1111111111 |
| 52 | akhi | gujjula | 2002-01-11 | Female | akhi@gmial.com | 3333333333 |
| 53 | akhil | nayudu | 2004-06-26 | Male | akhil@gmial.com | 4444444444 |
| 54 | bunty | reddy | 2003-03-14 | Male | bunty@gmial.com | 5555555555 |
+-----+-----+-----+-----+-----+-----+-----+
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;

```
update std_details
```

```
-> set FirstName ='Jane',LastName ='Smith',Email
='Jane_Smith@example.com'WHERE s_id =54;
```

Query OK, 1 row affected (0.00 sec)

Rows matched: 1 Changed: 1 Warnings: 0

```
mysql> select *from std_details;
+-----+-----+-----+-----+-----+-----+-----+
| s_id | FirstName | LastName | DateOfBirth | Gender | Email | Phone |
+-----+-----+-----+-----+-----+-----+-----+
| 50 | vijju | mandla | 2002-02-22 | Male | vijju@gmail.com | 2222222222 |
| 51 | chinna | gujjula | 2001-06-24 | Male | chinna@gmail.com | 1111111111 |
| 52 | akhi | gujjula | 2002-01-11 | Female | akhi@gmial.com | 3333333333 |
| 53 | akhil | nayudu | 2004-06-26 | Male | akhil@gmial.com | 4444444444 |
| 54 | Jane | Smith | 2003-03-14 | Male | Jane_Smith@example.com | 5555555555 |
+-----+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

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.

```
mysql> select *from std_details WHERE LastName ='Smith';
```

```
mysql> select *from std_details WHERE LastName ='Smith';
+-----+-----+-----+-----+-----+-----+-----+
| s_id | FirstName | LastName | DateOfBirth | Gender | Email | Phone |
+-----+-----+-----+-----+-----+-----+-----+
| 54 | Jane | Smith | 2003-03-14 | Male | Jane_Smith@example.com | 5555555555 |
+-----+-----+-----+-----+-----+-----+-----+
1 row 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'.

```
mysql> DELETE FROM std_details
```

```
-> WHERE FirstName ='Jane';
```

Query OK, 1 row affected (0.00 sec)

```
mysql> select *from std_details;
+-----+-----+-----+-----+-----+-----+-----+
| s_id | FirstName | LastName | DateOfBirth | Gender | Email | Phone |
+-----+-----+-----+-----+-----+-----+-----+
| 50 | vijju | mandla | 2002-02-22 | Male | vijju@gmail.com | 2222222222 |
| 51 | chinna | gujjula | 2001-06-24 | Male | chinna@gmail.com | 1111111111 |
| 52 | akhi | gujjula | 2002-01-11 | Female | akhi@gmial.com | 3333333333 |
| 53 | akhil | nayudu | 2004-06-26 | Male | akhil@gmial.com | 4444444444 |
+-----+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```