LabSQL2_ANP_C7970_update_Where_operator

Name : Akhila Vodnala

ID : AF0400793.

Create a table with named Score with attributes:

● ScoreID (Primary Key)

● CourseID (Foreign key)

● StudentID (Foreign Key)

● DateOfExam

● CreditObtained

```
mysql> CREATE TABLE Score (
    -> Score INT 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 (0.11 sec)
```

Output:

```
mysql> desc Score;
+----------------+--------------+------+-----+---------+-------+
| Field          | Type         | Null | Key | Default | Extra |
+----------------+--------------+------+-----+---------+-------+
| Score          | int          | NO   | PRI | NULL    |       |
| CourseID       | int          | YES  | MUL | NULL    |       |
| StudentID      | int          | YES  | MUL | NULL    |       |
| DateOfExam     | date         | YES  |     | NULL    |       |
| CreditObtained | decimal(5,2) | YES  |     | NULL    |       |
+----------------+--------------+------+-----+---------+-------+
5 rows in set (0.01 sec)
```

Create a table with named Feedback with attributes:

● **FeedbackID (Primary Key)**

● **StudentID (Foreign key)**

● **Date**

● **InstructorName**

● **Feedback**

```
mysql>
mysql> CREATE TABLE Feedback (
    -> FeedbackID INT PRIMARY KEY,
    -> StudentID INT,
    -> Date DATE,
    -> InstructorName VARCHAR(20),
    -> Feedback TEXT,
    -> FOREIGN KEY (StudentID) REFERENCES Student(StudentID)
    -> );
Query OK, 0 rows affected (0.09 sec)
```

Output:

```
mysql> desc Feedback;
+----------------+-------------+------+-----+---------+-------+
| Field          | Type        | Null | Key | Default | Extra |
+----------------+-------------+------+-----+---------+-------+
| FeedbackID     | int         | NO   | PRI | NULL    |       |
| StudentID      | int         | YES  | MUL | NULL    |       |
| Date           | date        | YES  |     | NULL    |       |
| InstructorName | varchar(20) | YES  |     | NULL    |       |
| Feedback       | text        | YES  |     | NULL    |       |
+----------------+-------------+------+-----+---------+-------+
5 rows in set (0.01 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.

Query: course table

```
mysql> insert into COURSE (CourseID,CourseTitle,Credite) values
    -> (101,'MCA',10),
    -> (102,'MBA',9),
    -> (103,'BSc',8),
    -> (104,'MCs', 7),
    -> (105,'M.com',5);
Query OK, 5 rows affected (0.01 sec)
Records: 5  Duplicates: 0  Warnings: 0
```

Output:

```
mysql> select * from Course;
+----------+-------------+---------+
| CourseID | CourseTitle | Credite |
+----------+-------------+---------+
|      101 | MCA         |      10 |
|      102 | MBA         |       9 |
|      103 | BSc         |       8 |
|      104 | MCs         |       7 |
|      105 | M.com       |       5 |
+----------+-------------+---------+
5 rows in set (0.00 sec)
```

Query: instructor table

```
mysql>
mysql> insert into INSTRUCTOR (InstructorID,FirstName,LastName,Email) values
    -> (201,'Akhila','Vodnala','akhila@gmail.com');
Query OK, 1 row affected (0.01 sec)

mysql> insert into INSTRUCTOR (InstructorID,FirstName,LastName,Email) values
    -> (202,'Anu','Vodnala','anu@gmail.com');
Query OK, 1 row affected (0.01 sec)

mysql> insert into INSTRUCTOR (InstructorID,FirstName,LastName,Email) values
    -> (203,'mayuri','abcd','mayuri@gmail.com'),
    -> (204,'Deepika','vatti','deepika@gmail.com'),
    -> (205,'Archana','muthayala','archana@gmail.com');
Query OK, 3 rows affected (0.01 sec)
Records: 3  Duplicates: 0  Warnings: 0
```

OUTPUT:

```
mysql> select*from INSTRUCTOR;
+--------------+-----------+-----------+--------------------+
| InstructorID | FirstName | LastName  | Email              |
+--------------+-----------+-----------+--------------------+
|          201 | Akhila    | Vodnala   | akhila@gmail.com   |
|          202 | Anu       | Vodnala   | anu@gmail.com      |
|          203 | mayuri    | abcd      | mayuri@gmail.com   |
|          204 | Deepika   | vatti     | deepika@gmail.com  |
|          205 | Archana   | muthayala | archana@gmail.com  |
+--------------+-----------+-----------+--------------------+
5 rows in set (0.00 sec)
```

Query: student table

```
mysql> Insert into student (StudentId,FirstName,LastName,DateOfBirth,Gender,Email,phone) values
    -> (101,'Akhila','vodnala','2001-07-29','female','akhila@gmail.com',1234567890);
Query OK, 1 row affected (0.01 sec)
```

```
use near ') at line 3
mysql> Insert into student (StudentId,FirstName,LastName,DateOfBirth,Gender,Email,phone) values
    -> (102,'deepika','vatti','2001-07-17','female','deepika@gmail.com',4897512897),
    -> (103,'Annatha','Surabi','1999-09-23','female','annatha@gmail.com',879856231),
    -> (104,'mayuri','pathuri','2001-12-22','female','pathuri@gmail.com',187439856),
    -> (105,'purna','mukera','2001-02-18','female','purna@gmail.com',21549561);
Query OK, 4 rows affected (0.01 sec)
Records: 4  Duplicates: 0  Warnings: 0
```

Output:

```
mysql> select* from student;
+-----------+-----------+----------+-------------+--------+-------------------+------------+
| StudentID | FirstName | LastName | DateOfBirth | GEnder | Email             | Phone      |
+-----------+-----------+----------+-------------+--------+-------------------+------------+
|       101 | Akhila    | vodnala  | 2001-07-29  | Female | akhila@gmail.com  | 1234567890 |
|       102 | deepika   | vatti    | 2001-07-17  | Female | deepika@gmail.com | 4897512897 |
|       103 | Annatha   | Surabi   | 1999-09-23  | Female | annatha@gmail.com | 879856231  |
|       104 | mayuri    | pathuri  | 2001-12-22  | Female | pathuri@gmail.com | 187439856  |
|       105 | purna     | mukera   | 2001-02-18  | Female | purna@gmail.com   | 21549561   |
+-----------+-----------+----------+-------------+--------+-------------------+------------+
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;

Query:

```
mysql> update student set Email='jane_smith@example.com', FirstName='Jane',LastName='smith' where StudentId=104;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```

Output:

```
mysql> select*from student;
+-----------+-----------+----------+-------------+---------+------------------------+------------+
| StudentID | FirstName | LastName | DateOfBirth | GEnder  | Email                  | Phone      |
+-----------+-----------+----------+-------------+---------+------------------------+------------+
|       101 | Akhila    | vodnala  | 2001-07-29  | Female  | akhila@gmail.com       | 1234567890 |
|       102 | deepika   | vatti    | 2001-07-17  | Female  | deepika@gmail.com      | 4897512897 |
|       103 | Annatha   | Surabi   | 1999-09-23  | Female  | annatha@gmail.com      | 879856231  |
|       104 | Jane      | smith    | 2001-12-22  | Female  | jane_smith@example.com | 187439856  |
|       105 | purna     | mukera   | 2001-02-18  | Female  | purna@gmail.com        | 21549561   |
+-----------+-----------+----------+-------------+---------+------------------------+------------+
5 rows in set (0.00 sec)

mysql>
```

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 student where LastName='smith';
+-----------+-----------+----------+-------------+--------+------------------------+-----------+
| StudentID | FirstName | LastName | DateOfBirth | GEnder | Email                  | Phone     |
+-----------+-----------+----------+-------------+--------+------------------------+-----------+
|       104 | Jane      | smith    | 2001-12-22  | Female | jane_smith@example.com | 187439856 |
+-----------+-----------+----------+-------------+--------+------------------------+-----------+
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'.

Query:

```
mysql> Delete from Student where FirstName='jane';
Query OK, 1 row affected (0.01 sec)
```

Output:

```
mysql> select * from student;
+-----------+-----------+----------+-------------+--------+---------------------+------------+
| StudentID | FirstName | LastName | DateOfBirth | GEnder | Email               | Phone      |
+-----------+-----------+----------+-------------+--------+---------------------+------------+
|       101 | Akhila    | vodnala  | 2001-07-29  | Female | akhila@gmail.com    | 1234567890 |
|       102 | deepika   | vatti    | 2001-07-17  | Female | deepika@gmail.com   | 4897512897 |
|       103 | Annatha   | Surabi   | 1999-09-23  | Female | annatha@gmail.com   | 879856231  |
|       105 | purna     | mukera   | 2001-02-18  | Female | purna@gmail.com     | 21549561   |
+-----------+-----------+----------+-------------+--------+---------------------+------------+
4 rows in set (0.00 sec)

mysql>
```