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ANP-C7970

1)Create a table with named Score with attributes:

Score ID (Primary Key), Course ID (Foreign Key), Student ID (Foreign Key), Date of Exam, Credit Obtained

```
mysql> Create table Score(
    -> ScoreID 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 (0.02 sec)

mysql> desc Score;
+----------------+--------------+------+-----+---------+-------+
| Field          | Type         | Null | Key | Default | Extra |
+----------------+--------------+------+-----+---------+-------+
| ScoreID        | int(11)      | NO   | PRI | NULL    |       |
| 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 (0.01 sec)
```

2) Create a Table with named Feedback with attributes:

FeedbackID (Primary Key), Student ID (Foreign key), Date, Instructor Name, Feedback

```
mysql> Create Table Feedback(
    -> FeedbackID Int Auto_increment Primary Key,
    -> StudentID Int,
    -> Date DATE,
    -> InstructorName Varchar(255),
    -> Feedback Text,
    -> FOREIGN KEY (StudentID) References Student(StudentID));
Query OK, 0 rows affected (0.01 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(255) | YES  |     | NULL    |                |
| Feedback      | text        | YES  |     | NULL    |                |
+---------------+-------------+------+-----+---------+----------------+
5 rows in set (0.00 sec)
```

Task 1: Use the Datebase and table from Day1 lab(pervious lab) insert 5 records in each table and retrieve date from all tables and displays

```
mysql> CREATE TABLE Student1(StudentId int Primary key, FirstName Varchar(30), LastName Varchar(30), DateofBirth Date, Gender Char(2), Email Varchar(100), P
hone Varchar(15));
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> INSERT INTO Student1(StudentId, FirstName, LastName, DateofBirth, Gender, Email, Phone)
    -> VALUES
    -> (1, 'TEJA', 'KIRAN', '2003-03-02','M', 'tej123@gmail.com', '9000812345'),
    -> (2, 'RAJ', 'KUMAR', '2001-08-09','M', 'raj456@gmail.com', '9456776541'),
    -> (3, 'SAI', 'KUMAR', '1998-09-06','M', 'sai235@gmail.com', '7345297634'),
    -> (4, 'SUSMHA', 'REDDY', '2003-02-25','F', 'sus256@gmail.com', '6346298765'),
    -> (5, 'SANGAVI', 'REDDY', '1999-08-16','F', 'sangavi@gmail.com', '6346296785');
Query OK, 5 rows affected (0.00 sec)
Records: 5  Duplicates: 0  Warnings: 0

mysql> SELECT * from Student1;
+-----------+-----------+----------+-------------+--------+-------------------+------------+
| StudentId | FirstName | LastName | DateofBirth | Gender | Email             | Phone      |
+-----------+-----------+----------+-------------+--------+-------------------+------------+
|         1 | TEJA      | KIRAN    | 2003-03-02  | M      | tej123@gmail.com  | 9000812345 |
|         2 | RAJ       | KUMAR    | 2001-08-09  | M      | raj456@gmail.com  | 9456776541 |
|         3 | SAI       | KUMAR    | 1998-09-06  | M      | sai235@gmail.com  | 7345297634 |
|         4 | SUSMHA    | REDDY    | 2003-02-25  | F      | sus256@gmail.com  | 6346298765 |
|         5 | SANGAVI   | REDDY    | 1999-08-16  | F      | sangavi@gmail.com | 6346296785 |
+-----------+-----------+----------+-------------+--------+-------------------+------------+
5 rows in set (0.00 sec)
```

Task 2: update the Student1 table with the Following information:

Update/Change the email to ‘jane_Smith@example.com’ and make FirstName is ‘jane’ and lastName ‘smith’ and any student1 in Your Student1 table;

```
mysql> UPDATE Student1
    -> set
    -> FirstName = 'Jane',
    -> LastName = 'Smith',
    -> Email = 'jane_Smith@example.com'
    -> where StudentId = 2;
Query OK, 0 rows affected (0.00 sec)
Rows matched: 1  Changed: 0  Warnings: 0

mysql> Select * from Student1;
+-----------+-----------+----------+-------------+--------+-----------------------+------------+
| StudentId | FirstName | LastName | DateofBirth | Gender | Email                 | Phone      |
+-----------+-----------+----------+-------------+--------+-----------------------+------------+
|         1 | TEJA      | KIRAN    | 2003-03-02  | M      | tej123@gmail.com      | 9000812345 |
|         2 | Jane      | Smith    | 2001-08-09  | M      | jane_Smith@example.com | 9456776541 |
|         3 | SAI       | KUMAR    | 1998-09-06  | M      | sai235@gmail.com      | 7345297634 |
|         4 | SUSMHA    | REDDY    | 2003-02-25  | F      | sus256@gmail.com      | 6346298765 |
|         5 | SANGAVI   | REDDY    | 1999-08-16  | F      | sangavi@gmail.com     | 6346296785 |
+-----------+-----------+----------+-------------+--------+-----------------------+------------+
5 rows in set (0.00 sec)
```

Task 3: Perform the filtration on the table by given data

Display Student/Students records From the Student1 table where the last name is Smith.

```
mysql> Select * from Student1
    -> where LastName = 'Smith';
+-----------+-----------+----------+-------------+--------+----------------------+------------+
| StudentId | FirstName | LastName | DateofBirth | Gender | Email                | Phone      |
+-----------+-----------+----------+-------------+--------+----------------------+------------+
|         2 | Jane      | Smith    | 2001-08-09  | M      | jane_Smith@example.com | 9456776541 |
+-----------+-----------+----------+-------------+--------+----------------------+------------+
1 row in set (0.00 sec)
```

Task 4: Delete the record From the Student1 table on the following condition:

Delete Student/student records from the Student1 Table Where FirstName is ‘jane’.

```
mysql> Delete From Student1
    -> where FirstName = 'jane';
Query OK, 1 row affected (0.00 sec)

mysql> Select * From Student1;
+-----------+-----------+----------+-------------+--------+-------------------+------------+
| StudentId | FirstName | LastName | DateofBirth | Gender | Email             | Phone      |
+-----------+-----------+----------+-------------+--------+-------------------+------------+
|         1 | TEJA      | KIRAN    | 2003-03-02  | M      | tej123@gmail.com  | 9000812345 |
|         3 | SAI       | KUMAR    | 1998-09-06  | M      | sai235@gmail.com  | 7345297634 |
|         4 | SUSMHA    | REDDY    | 2003-02-25  | F      | sus256@gmail.com  | 6346298765 |
|         5 | SANGAVI   | REDDY    | 1999-08-16  | F      | sangavi@gmail.com | 6346296785 |
+-----------+-----------+----------+-------------+--------+-------------------+------------+
4 rows in set (0.00 sec)
```