

LAB ON RDBMS AND DBMS

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1. 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 PRIMARY KEY, CourseID INT, StudentID INT, DateOfExam DATE, CreditObtained INT, FOREIGN KEY (CourseID) REFERENCES Course(CourseID), FOREIGN KEY (StudentID) REFERENCES Student(StudentID));  
Query OK, 0 rows affected (0.09 sec)
```

2. 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, StudentID INT, Date DATE, InstructorName VARCHAR(100), Feedback TEXT, FOREIGN KEY (StudentID) REFERENCES Student(StudentID) );  
Query OK, 0 rows affected (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.

```
mysql> INSERT INTO Student(StudentID, FirstName, LastName, DateOfBirth, Gender, Email, Phone) VALUES (1, 'A  
depu', 'Manisha', '2000-01-08', 'F', 'manishaadepu@gmail.com', 7993609816), (2, 'Jane', 'Smith', '1994-08-1  
8', 'M', 'jane.smith@gmail.com', 3412091234), (3, 'Raj', 'Praveen', '2003-09-11', 'M', 'raj.praveen@gmail.c  
om', 9871045739), (4, 'Devi', 'Rani', '1997-03-11', 'F', 'rdevi@gmail.com', 3567812349), (5, 'Kamala', 'Kum  
ari', '1989-02-10', 'F', 'kamala.kumari@gmail.com', 9879870143);
```

Query OK, 5 rows affected (0.01 sec)

Records: 5 Duplicates: 0 Warnings: 0

Task 2 : 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 FirstName = 'Jane', LastName = 'Smith', Email = 'jane_Smith@gmail.com' WHERE StudentID=2;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```

```
mysql> UPDATE Student SET Email = 'manisha1001@gmail.com' WHERE StudentID=1;
Query OK, 1 row affected (0.00 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```

```
mysql> select * from Student;
```

StudentID	FirstName	LastName	DateOfBirth	Gender	Email	Phone
1	Adepu	Manisha	2000-01-08	F	manisha1001@gmail.com	7993609816
2	Jane	Smith	1994-08-18	M	jane_Smith@gmail.com	3412091234
3	Raj	Praveen	2003-09-11	M	raj.praveen@gmail.com	9871045739
4	Devi	Rani	1997-03-11	F	rdevi@gmail.com	3567812349
5	Kamala	Kumari	1989-02-10	F	kamala.kumari@gmail.com	9879870143

```
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 Student WHERE LastName='Smith';
```

StudentID	FirstName	LastName	DateOfBirth	Gender	Email	Phone
2	Jane	Smith	1994-08-18	M	jane_Smith@gmail.com	3412091234

```
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 Student WHERE FirstName='Jane';  
Query OK, 1 row affected (0.01 sec)
```

```
mysql> select * from Student;
```

StudentID	FirstName	LastName	DateOfBirth	Gender	Email	Phone
1	Adepu	Manisha	2000-01-08	F	manisha1001@gmail.com	7993609816
3	Raj	Praveen	2003-09-11	M	raj.praveen@gmail.com	9871045739
4	Devi	Rani	1997-03-11	F	rdevi@gmail.com	3567812349
5	Kamala	Kumari	1989-02-10	F	kamala.kumari@gmail.com	9879870143

```
4 rows in set (0.01 sec)
```

```
mysql> █
```