SQL MODULE

LAB - 2

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Questions

Use the Database and table from Day 1 lab. Insert 5 records in each table

and retrieve data from all tables and display.

Insert Records into Student Table:

Code:

```
mysql> INSERT INTO Student (StudentID, FirstName, LastName, DateOfBirth, Gender, Email, Phone) VALUES
    -> (1, 'Amrutha', 'Bandi', '2001-02-01', 'f', 'amrutha.b@gmail.com', SUBSTRING('9783687598', 1, 10)),
    -> (2, 'Bhavani', 'Dhagudu', '2003-03-02', 'f', 'bhavani.d@gmail.com', SUBSTRING('3776726797', 1, 10)),
    -> (3, 'Keerthi', 'Kothhinti', '2003-05-04', 'f', 'keerthi.k@gmail.com', SUBSTRING('6472838978', 1, 10)),
    -> (4, 'Akshaya', 'Gundagala', '2002-06-05', 'f', 'akshaya.g@gmail.com', SUBSTRING('7652364776', 1, 10)),
    -> (5, 'Anitha', 'Myla', '2003-06-06', 'f', 'anitha.m@gmail.com', SUBSTRING('8749857612', 1, 10));
Query OK, 5 rows affected (0.01 sec)
Records: 5  Duplicates: 0  Warnings: 0
```

Output:

```
mysql> select * from Student;
+-----------+-----------+-----------+-------------+--------+--------------------+------------+
| StudentId | FirstName | LastName  | DateOfBirth | Gender | Email              | Phone      |
+-----------+-----------+-----------+-------------+--------+--------------------+------------+
|         1 | Amrutha   | Bandi     | 2001-02-01  | f      | amrutha.b@gmail.com | 9783687598 |
|         2 | Bhavani   | Dhagudu   | 2003-03-02  | f      | bhavani.d@gmail.com | 3776726797 |
|         3 | Keerthi   | Kothhinti | 2003-05-04  | f      | keerthi.k@gmail.com | 6472838978 |
|         4 | Akshaya   | Gundagala | 2002-06-05  | f      | akshaya.g@gmail.com | 7652364776 |
|         5 | Anitha    | Myla      | 2003-06-06  | f      | anitha.m@gmail.com  | 8749857612 |
+-----------+-----------+-----------+-------------+--------+--------------------+------------+
5 rows in set (0.01 sec)
```

Insert Records into Course Table:

Code:

```
mysql> INSERT INTO Course (CourseID, CourseTitle, Credits) VALUES
    -> (1, 'Mathematics', 3),
    -> (2, 'Physics', 4),
    -> (3, 'Chemistry', 3),
    -> (4, 'Biology', 4),
    -> (5, 'English', 2);
Query OK, 5 rows affected (0.09 sec)
Records: 5  Duplicates: 0  Warnings: 0
```

Output:

```
mysql> select * from Course;
+----------+-------------+---------+
| CourseID | CourseTitle | Credits |
+----------+-------------+---------+
|        1 | Mathematics |       3 |
|        2 | Physics     |       4 |
|        3 | Chemistry   |       3 |
|        4 | Biology     |       4 |
|        5 | English     |       2 |
+----------+-------------+---------+
5 rows in set (0.01 sec)
```

Insert Records into Instructor Table:

Code:

```
mysql> INSERT INTO Instructor (InstructorID, FirstName, LastName, Email) VALUES
    -> (1, 'Dr. Emily', 'Clark', 'emily.clark@example.com'),
    -> (2, 'Dr. Michael', 'Wang', 'michael.wang@example.com'),
    -> (3, 'Dr. Sarah', 'Lee', 'sarah.lee@example.com'),
    -> (4, 'Dr. Robert', 'Miller', 'robert.miller@example.com'),
    -> (5, 'Dr. Linda', 'Martinez', 'linda.martinez@example.com');
Query OK, 5 rows affected (0.09 sec)
Records: 5  Duplicates: 0  Warnings: 0
```

Output:

```
mysql> select * from Instructor;
+--------------+-------------+----------+---------------------------+
| InstructorID | FirstName   | LastName | Email                     |
+--------------+-------------+----------+---------------------------+
|            1 | Dr. Emily   | Clark    | emily.clark@example.com   |
|            2 | Dr. Michael | Wang     | michael.wang@example.com  |
|            3 | Dr. Sarah   | Lee      | sarah.lee@example.com     |
|            4 | Dr. Robert  | Miller   | robert.miller@example.com |
|            5 | Dr. Linda   | Martinez | linda.martinez@example.com |
+--------------+-------------+----------+---------------------------+
5 rows in set (0.01 sec)
```

Insert Records into Enrollment Table:

Code:

```
mysql> INSERT INTO Enrollment (EnrollmentID, EnrollmentDate, StudentID, CourseID, InstructorID) VALUES
    -> (1, '2024-01-10', 1, 1, 1),
    -> (2, '2024-01-11', 2, 2, 2),
    -> (3, '2024-01-12', 3, 3, 3),
    -> (4, '2024-01-13', 4, 4, 4),
    -> (5, '2024-01-14', 5, 5, 5);
Query OK, 5 rows affected (0.09 sec)
Records: 5  Duplicates: 0  Warnings: 0
```

Output:

```
mysql> select * from Enrollment;
+--------------+----------------+-----------+----------+--------------+
| EnrollmentID | EnrollmentDate | StudentID | CourseID | InstructorID |
+--------------+----------------+-----------+----------+--------------+
|            1 | 2024-01-10     |         1 |        1 |            1 |
|            2 | 2024-01-11     |         2 |        2 |            2 |
|            3 | 2024-01-12     |         3 |        3 |            3 |
|            4 | 2024-01-13     |         4 |        4 |            4 |
|            5 | 2024-01-14     |         5 |        5 |            5 |
+--------------+----------------+-----------+----------+--------------+
5 rows in set (0.01 sec)
```

Insert Records into Score table:

Code:

```
mysql> INSERT INTO Score (ScoreID, CourseID, StudentID, DateOfExam, CreditObtained) VALUES
    -> (1, 1, 1, '2024-02-10', 85),
    -> (2, 2, 2, '2024-02-11', 90),
    -> (3, 3, 3, '2024-02-12', 88),
    -> (4, 4, 4, '2024-02-13', 92),
    -> (5, 5, 5, '2024-02-14', 87);
Query OK, 5 rows affected (0.06 sec)
Records: 5  Duplicates: 0  Warnings: 0
```

Output:

```
mysql> select * from Score;
+---------+----------+-----------+------------+----------------+
| ScoreID | CourseID | StudentID | DateOfExam | CreditObtained |
+---------+----------+-----------+------------+----------------+
|       1 |        1 |         1 | 2024-02-10 |             85 |
|       2 |        2 |         2 | 2024-02-11 |             90 |
|       3 |        3 |         3 | 2024-02-12 |             88 |
|       4 |        4 |         4 | 2024-02-13 |             92 |
|       5 |        5 |         5 | 2024-02-14 |             87 |
+---------+----------+-----------+------------+----------------+
5 rows in set (0.01 sec)
```

Insert Records into Feedback table:

Code:

```
mysql> INSERT INTO Feedback (FeedbackID, StudentID, Date, InstructorName, Feedback) VALUES
    -> (1, 1, '2024-03-01', 'Dr. Emily Clark', 'Great course!'),
    -> (2, 2, '2024-03-02', 'Dr. Michael Wang', 'Very informative.'),
    -> (3, 3, '2024-03-03', 'Dr. Sarah Lee', 'Well organized.'),
    -> (4, 4, '2024-03-04', 'Dr. Robert Miller', 'Engaging lectures.'),
    -> (5, 5, '2024-03-05', 'Dr. Linda Martinez', 'Excellent material.');
Query OK, 5 rows affected (0.08 sec)
Records: 5  Duplicates: 0  Warnings: 0
```

Output:

```
mysql> select * from Feedback;
+------------+-----------+------------+--------------------+---------------------+
| FeedbackID | StudentID | Date       | InstructorName     | Feedback            |
+------------+-----------+------------+--------------------+---------------------+
|          1 |         1 | 2024-03-01 | Dr. Emily Clark    | Great course!       |
|          2 |         2 | 2024-03-02 | Dr. Michael Wang   | Very informative.   |
|          3 |         3 | 2024-03-03 | Dr. Sarah Lee      | Well organized.     |
|          4 |         4 | 2024-03-04 | Dr. Robert Miller  | Engaging lectures.  |
|          5 |         5 | 2024-03-05 | Dr. Linda Martinez | Excellent material. |
+------------+-----------+------------+--------------------+---------------------+
5 rows in set (0.01 sec)
```