

SQL MODULE

LAB - 2

Mohammad Faraz Shaik

AF0366704

Questions

Lab 1. Use the Database and table from Day 1 lab. Insert 5 records in each table and retrieve data from all tables and display.

ChatGPT Exercise

Generating a normalized table using ChatGPT as a continuation of our earlier ChatGPT scenario.

Put the below statement in the message box and see what ChatGPT says:

I have created a database of emergency contact information. Kindly help me by providing normalized tables with understanding.

1.INSERTING VALUES OF STUDENT_INFO :

```
mysql> insert into student_info(StuId, FirstName, LastName, DOB,gender, email, ph) values
-> (1, 'Alice', 'Smith', '1995-01-15', 'F', 'alice.smith@cric.com', 1234567890);
Query OK, 1 row affected (0.11 sec)
```

```
mysql> insert into student_info(StuId, FirstName, LastName, DOB,gender, email, ph) values
-> (2, 'Rohit', 'Sharma', '1995-02-14', 'M', 'rohit.shar@cric.com', 12367901),
-> (3, 'Carol', 'Williams', '1996-03-30', 'F', 'carol.will@cric.com', 3456789012),
-> (4, 'David', 'Brown', '1995-08-22', 'M', 'david.br@cric.com', 4567890123),
-> (5, 'Eve', 'Davis', '1993-11-05', 'F', 'eve.davis@cric.com', 5678901234);
Query OK, 4 rows affected (0.12 sec)
Records: 4 Duplicates: 0 Warnings: 0
```

```
mysql> select * from student_info;
```

StuId	FirstName	LastName	DOB	gender	email	ph
1	Alice	Smith	1995-01-15	F	alice.smith@cric.com	1234567890
2	Rohit	Sharma	1995-02-14	M	rohit.shar@cric.com	12367901
3	Carol	Williams	1996-03-30	F	carol.will@cric.com	3456789012
4	David	Brown	1995-08-22	M	david.br@cric.com	4567890123
5	Eve	Davis	1993-11-05	F	eve.davis@cric.com	5678901234

```
5 rows in set (0.00 sec)
```

2. INSERT VALUES INTO Course table:

```
MySQL 8.0 Command Line Cl
```

courseTitle	varchar(20)	NO		NULL		
credits	int	NO		NULL		

```
3 rows in set (0.00 sec)

mysql> insert into course(courseId, courseTitle, credits)values
-> (1,'DataAnalystic',12),
-> (2,'python',8),
-> (3,'english',4),
-> (4,'apptitude',3),
-> (5,'SQL',10);
Query OK, 5 rows affected (0.11 sec)
Records: 5 Duplicates: 0 Warnings: 0

mysql> select *from course;
```

courseId	courseTitle	credits
1	DataAnalystic	12
2	python	8
3	english	4
4	apptitude	3
5	SQL	10

```
5 rows in set (0.00 sec)

mysql> |
```

3.INSERTING VALUES INTO INSTRUCTOR:

```
mysql> INSERT INTO Instructor (ID, FirstName, LastName, email) VALUES
-> (1, 'John', 'Doe', 'john.doe@example.com'),
-> (2, 'Jane', 'Smith', 'jane.smith@example.com'),
-> (3, 'Alice', 'Johnson', 'alice.johnson@example.com'),
-> (4, 'Bob', 'Brown', 'bob.brown@example.com'),
-> (5, 'Carol', 'Davis', 'carol.davis@example.com');
Query OK, 5 rows affected (0.15 sec)
Records: 5 Duplicates: 0 Warnings: 0

mysql> select * from instructor;
```

ID	FirstName	LastName	email
1	John	Doe	john.doe@example.com
2	Jane	Smith	jane.smith@example.com
3	Alice	Johnson	alice.johnson@example.com
4	Bob	Brown	bob.brown@example.com
5	Carol	Davis	carol.davis@example.com

3.INSERT VALUES INTO THE TABLE EMP2:

```
MySQL 8.0 Command Line Cli X + v
7 rows in set (0.00 sec)

mysql> INSERT INTO Emp2 (first_name, last_name, age, email, salary, job_title) VALUES
-> ('John', 'Doe', 30, 'john.doe@example.com', 55000.00, 'Software Engineer'),
-> ('Jane', 'Smith', 25, 'jane.smith@example.com', 60000.00, 'Project Manager'),
-> ('Emily', 'Jones', 40, 'emily.jones@example.com', 75000.00, 'Director of Operations'),
-> ('Michael', 'Brown', 35, 'michael.brown@example.com', 50000.00, 'Quality Assurance'),
-> ('Sarah', 'Davis', 28, 'sarah.davis@example.com', 48000.00, 'Human Resources');
Query OK, 5 rows affected (0.06 sec)
Records: 5 Duplicates: 0 Warnings: 0

mysql> select* from emp2;
+-----+-----+-----+-----+-----+-----+-----+
| empID | first_name | last_name | age | email | salary | job_title |
+-----+-----+-----+-----+-----+-----+-----+
| 1 | jhon | Doe | 28 | jhon.doe3@example.com | 50000.00 | Developer |
| 2 | jane | smith | 35 | jane.smith3@example.com | 60000.00 | Manger |
| 3 | Emily | Jhonson | 40 | emily.jhonson3@example.com | 70000.00 | Developer |
| 4 | Michel | Brown | 45 | Michel.brown3@example.com | 80000.00 | Designer |
| 5 | Sarah | Davis | 25 | sarah.Davis3@example.com | 860000.00 | Tester |
| 6 | John | Doe | 30 | john.doe@example.com | 55000.00 | Software Engineer |
| 7 | Jane | Smith | 25 | jane.smith@example.com | 60000.00 | Project Manager |
| 8 | Emily | Jones | 40 | emily.jones@example.com | 75000.00 | Director of Operations |
| 9 | Michael | Brown | 35 | michael.brown@example.com | 50000.00 | Quality Assurance |
| 10 | Sarah | Davis | 28 | sarah.davis@example.com | 48000.00 | Human Resources |
+-----+-----+-----+-----+-----+-----+-----+
10 rows in set (0.03 sec)
```