

Name:m saiganesh

Anudipid;AF0400928

Lab 1. **Create a Database** & Table Using MySQL Command-Line Client.

● **Create a database** with the name StudentManagementSystem.

Create a table with named Student with attributes:

```
CREATE TABLE student ( student_id INT PRIMARY KEY, first_name VARCHAR(50), last_name VARCHAR(50), date_of_birth DATE, gender CHAR(1), email VARCHAR(100), phone VARCHAR(15) );
```

```
INSERT INTO student (student_id, first_name, last_name, date_of_birth, gender, email, phone) VALUES
```

```
mysql> CREATE TABLE student ( student_id INT PRIMARY KEY, first_name VARCHAR(50), last_name VARCHAR(50), date_of_birth DATE, gender CHAR(1), email VARCHAR(100), phone VARCHAR(15));
ERROR 1050 (42S01): Table 'student' already exists
mysql> INSERT INTO student (student_id, first_name, last_name, date_of_birth, gender, email, phone) VALUES(1, 'Marupakaganesh', 'Saiganesh', '2001-09-28', 'M', 'marupakaganesh81@gmail.com', '9328283829'),(2, 'Marupaka', 'Pranay', '2007-07-10', 'M', 'marupakapranay81@gmail.com', ''), (3, 'Marupaka', 'Srinivas', '1977-06-10', 'M', 'marupakasrinivas81@gmail.com', '9328283829');
```

Output;

student_id	first_name	last_name	date_of_birth	gender	email	phone
1	Marupaka	Saiganesh	2001-09-28	M	marupakaganesh81@gmail.com	9328283829
2	Marupaka	Pranay	2007-07-10	M	marupakapranay81@gmail.com	
3	Marupaka	Srinivas	1977-06-10	M	marupakasrinivas81@gmail.com	

2) create a table with name course with attributes;

Courseid (primary key), coursetitle, credits

```
CREATE TABLE course ( course_id INT PRIMARY KEY, course_title
VARCHAR(100), credits INT );
```

```
INSERT INTO course (course_id, course_title, credits) VALUES
```

```
(101, 'Introduction to Computer Science', 3), (102, 'Database
Systems', 4), (103, 'Data Structures and Algorithms', 4), (104,
'Operating Systems', 3), (105, 'Computer Networks', 3);
```

Output;

course_id	course_title	credits
101	Introduction to Computer Science	3
102	Database Systems	4
103	Data Structures and Algorithms	4
104	Operating Systems	3
105	Computer Networks	3

5 rows in set (0.00 sec)

3) create a table with named instructor with attributes;

```
CREATE TABLE Instructor ( InstructorID INT PRIMARY KEY,
FirstName VARCHAR(50), LastName VARCHAR(50), Email
VARCHAR(100) );
```

```
INSERT INTO Instructor (InstructorID, FirstName, LastName, Email)
VALUES(1, 'nimmala', 'ramesh', 'ramesh@example.com'),(2,
'kompelli', 'sandeep','sandeep@example.com'),(3, 'chiluveru',
'naresh', 'naresh@example.com');
```

Output;

```
mysql>
+-----+-----+-----+-----+
| InstructorID | FirstName | LastName | Email |
+-----+-----+-----+-----+
| 1 | nimmala | ramesh | ramesh@example.com |
| 2 | kompelli | sandeep | sandeep@example.com |
| 3 | chiluveru | naresh | naresh@example.com |
+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql>
```