

Assignment

Course Code- CSE 316

Course Title-Database Management System lab.

Topic name: DDL and DML Concepts.

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Setting environment for using XAMPP for Windows.

Lab411_06@LAB41106 c:\xampp

mysql -u root -p

Enter password:

Welcome to the MariaDB monitor. Commands end with ; or \g.

Your MariaDB connection id is 9

Server version: 10.4.24-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> show databases;

Database
database
information_schema
labassistant
login
mysakib
mysql
performance_schema
phpmyadmin
test
test_db
text
userregistration

12 rows in set (0.001 sec)

MariaDB [(none)]> show database mysakib;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to MySQL version 10.4.24-MariaDB for the 'sakib' at line 1

MariaDB [(none)]> use mysakib

Database changed

MariaDB [mysakib]> create table student(Roll_no int,Name varchar(20),Dept varchar (4));

Query OK, 0 rows affected (0.044 sec)

```
MariaDB [mysakib]> desc mysakib;
ERROR 1146 (42S02): Table 'mysakib.mysakib' doesn't exist
MariaDB [mysakib]> desc student;
+-----+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Roll_no | int(11)       | YES  |     | NULL    |       |
| Name    | varchar(20)   | YES  |     | NULL    |       |
| Dept    | varchar(4)    | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.015 sec)
```

```
MariaDB [mysakib]> Alter table student add phone_no varchar(12);
Query OK, 0 rows affected (0.020 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
MariaDB [mysakib]> desc student;
+-----+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Roll_no | int(11)       | YES  |     | NULL    |       |
| Name    | varchar(20)   | YES  |     | NULL    |       |
| Dept    | varchar(4)    | YES  |     | NULL    |       |
| phone_no | varchar(12)   | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.016 sec)
```

```
MariaDB [mysakib]> rename table student to person;
Query OK, 0 rows affected (0.031 sec)
```

```
MariaDB [mysakib]> show tables;
+-----+
| Tables_in_mysakib |
+-----+
| person             |
+-----+
1 row in set (0.000 sec)
```

```
MariaDB [mysakib]> desc person;
+-----+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Roll_no | int(11)       | YES  |     | NULL    |       |
| Name    | varchar(20)   | YES  |     | NULL    |       |
| Dept    | varchar(4)    | YES  |     | NULL    |       |
| phone_no | varchar(12)   | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.017 sec)
```

```
MariaDB [mysakib]> drop table person;
Query OK, 0 rows affected (0.030 sec)
```

```
me varchar(11),First_Name varchar(15),title varchar (20),Address v... ' at line 2
MariaDB [mysakib]> create table Employee(mfd_id int,Employee_ID int,Last_Name varchar(11),First_Name varchar(15),title varchar (20),Address varchar(100));
Query OK, 0 rows affected (0.047 sec)
```

```
MariaDB [mysakib]> DESC Employee;
```

Field	Type	Null	Key	Default	Extra
mfd_id	int(11)	YES		NULL	
Employee_ID	int(11)	YES		NULL	
Last_Name	varchar(11)	YES		NULL	
First_Name	varchar(15)	YES		NULL	
title	varchar(20)	YES		NULL	
Address	varchar(100)	YES		NULL	

```
6 rows in set (0.016 sec)
```

```
MariaDB [mysakib]> insert into Employee(mfd_id,Employee_ID,Last_Name,First_Name,title,Address) values (1,1,'x','sakib','student','uits');
Query OK, 1 row affected (0.014 sec)
```

```
MariaDB [mysakib]> desc EMPLOYEE;
```

Field	Type	Null	Key	Default	Extra
mfd_id	int(11)	YES		NULL	
Employee_ID	int(11)	YES		NULL	
Last_Name	varchar(11)	YES		NULL	
First_Name	varchar(15)	YES		NULL	
title	varchar(20)	YES		NULL	
Address	varchar(100)	YES		NULL	

```
6 rows in set (0.016 sec)
```

```
MariaDB [mysakib]> select *From Employee;
```

mfd_id	Employee_ID	Last_Name	First_Name	title	Address
1	1	x	sakib	student	uits

```
1 row in set (0.000 sec)
```

```
MariaDB [mysakib]> insert into Employee(mfd_id,Employee_ID,Last_Name,First_Name,title,Address) values (2,2,'Davolio','Nancy','sales Represent
','Fuller','Andrew','vice president,sales','908 W,capital Way');
```

```
Query OK, 2 rows affected (0.014 sec)
```

```
Records: 2 Duplicates: 0 Warnings: 0
```

```
MariaDB [mysakib]> select *From Employee;
```

mfd_id	Employee_ID	Last_Name	First_Name	title	Address
1	1	x	sakib	student	uits
2	2	Davolio	Nancy	sales Representative	506-20th Ave
3	2	Fuller	Andrew	vice president,sales	908 W,capital Way

```
3 rows in set (0.000 sec)
```

```
MariaDB [mysakib]> insert into Employee(mfd_id,Employee_ID,Last_Name,First_Name,title,Address) values (4,3,'leverling','Janet','sales REPRESENTATIVE','722 MOSS bay'),(5
,4,'PEACOCK','Margaret','sales Representativ','4110 OLD Redmond Rd');
```

```
Query OK, 2 rows affected (0.006 sec)
```

```
Records: 2 Duplicates: 0 Warnings: 0
```

```
MariaDB [mysakib]> select *From Employee;
```

mfd_id	Employee_ID	Last_Name	First_Name	title	Address
1	1	x	sakib	student	uits
2	2	Davolio	Nancy	sales Representative	506-20th Ave
3	2	Fuller	Andrew	vice president,sales	908 W,capital Way
4	3	leverling	Janet	sales REPRESENTATIVE	722 MOSS bay
5	4	PEACOCK	Margaret	sales Representativ	4110 OLD Redmond Rd

```
5 rows in set (0.000 sec)
```

```
MariaDB [mysakib]> truncate table Emoloyee;
```

```
ERROR 1146 (42502): Table 'mysakib.emoloyee' doesn't exist
```

```
MariaDB [mysakib]> show table Emoloyee;
```

```
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'Emoloyee' a
t line 1
```

```
MariaDB [mysakib]> desc EMPLOYEE;
```

Field	Type	Null	Key	Default	Extra
mfd_id	int(11)	YES		NULL	
Employee_ID	int(11)	YES		NULL	
Last_Name	varchar(11)	YES		NULL	
First_Name	varchar(15)	YES		NULL	
title	varchar(20)	YES		NULL	
Address	varchar(100)	YES		NULL	

```
6 rows in set (0.009 sec)
```

```
MariaDB [mysakib]> truncate table EMPLOYEE;
```

```
Query OK, 0 rows affected (0.068 sec)
```

```
MariaDB [mysakib]> select *From Employee;
```

```
Empty set (0.000 sec)
```

```
MariaDB [mysakib]> truncate table EMPLOYEE;  
Query OK, 0 rows affected (0.068 sec)
```

```
MariaDB [mysakib]> select *From Employee;  
Empty set (0.000 sec)
```

```
MariaDB [mysakib]> desc EMPLOYEE;
```

Field	Type	Null	Key	Default	Extra
mfd_id	int(11)	YES		NULL	
Employee_ID	int(11)	YES		NULL	
Last_Name	varchar(11)	YES		NULL	
First_Name	varchar(15)	YES		NULL	
title	varchar(20)	YES		NULL	
Address	varchar(100)	YES		NULL	

```
6 rows in set (0.015 sec)
```

```
MariaDB [mysakib]>
```