

Assignment

Course Code- CSE 316

Course Title-Database Management System lab.

Topic name: Create a table

<u>Submitted by-</u>	<u>Submitted to-</u>
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Server version: 10.4.28-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)]> create database;
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 '' at line 1
MariaDB [(none)]> create databases;
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 'databases' at line 1
7:5 MariaDB [(none)]>
7:5 MariaDB [(none)]>
7:5 MariaDB [(none)]>
7:5 MariaDB [(none)]> create database UniversityDB;
7:5 Query OK, 1 row affected (0.095 sec)
7:5
7:5 MariaDB [(none)]> use UniversityDB;
7:5 Database changed
MariaDB [UniversityDB]> create table Students(Studenr_ID int PRIMARY KEY,First_Name varchar(50),Last_Name varchar(50),DOB date);
Query OK, 0 rows affected (1.017 sec)

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MariaDB [UniversityDB]> create table Courses(Course_ID int PRIMARY KEY,Course_Name varchar(100),Instructor varchar(50),Studenr_ID int);
Query OK, 0 rows affected (1.043 sec)

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MariaDB [UniversityDB]> ALTER table Courses ADD CONSTRAINT FK_Students_Studenr_ID FOREIGN KEY (Studenr_ID) REFERENCES Students(Studenr_ID);
Query OK, 0 rows affected (1.249 sec)
Records: 0 Duplicates: 0 Warnings: 0

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MariaDB [UniversityDB]> DESC Students;

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Field	Type	Null	Key	Default	Extra
Studenr_ID	int(11)	NO	PRI	NULL	
First_Name	varchar(50)	YES		NULL	
Last_Name	varchar(50)	YES		NULL	
DOB	date	YES		NULL	

4 rows in set (0.187 sec)

```

MariaDB [UniversityDB]> DESC Courses;

```

Field	Type	Null	Key	Default	Extra
Course_ID	int(11)	NO	PRI	NULL	
Course_Name	varchar(100)	YES		NULL	
Instructor	varchar(50)	YES		NULL	
Studenr_ID	int(11)	YES	MUL	NULL	

4 rows in set (0.027 sec)

```

MariaDB [UniversityDB]> insert into Students(Studenr_ID,First_Name>Last_Name,DOB) values(2215151101,'Mallika','parvez','20/5/2002');
Query OK, 1 row affected, 2 warnings (0.562 sec)

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MariaDB [UniversityDB]> insert into Students(Studenr_ID,First_Name>Last_Name,DOB) values(22152127,'Masoud','chowdhury','05-3-2001'),(22153128,'Mohammad','kawsar','02-07-2002'),(22154229,'tanveer','tarek','06-07-2000'),(22152530,'Ony','Anowar','06-11-2003');
Query OK, 4 rows affected, 4 warnings (0.141 sec)
Records: 4 Duplicates: 0 Warnings: 4

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MariaDB [UniversityDB]> select *From Students;

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Studenr_ID	First_Name	Last_Name	DOB
22152127	Masoud	chowdhury	0000-00-00
22152530	Ony	Anowar	0000-00-00
22153128	Mohammad	kawsar	0000-00-00
22154229	tanveer	tarek	0000-00-00
2147483647	Mallika	parvez	0000-00-00

5 rows in set (0.001 sec)

```
MariaDB [UniversityDB]> insert into Courses(Course_ID,Course_Name,Instructor,Studentr_ID)VALUES (23,'DLF','Ram',22152127),(6,'MML','Smith', 22152530), (8,'FAL','John', 22153128),(9,'AAL','Wilson',22154229), (10,'DLD','Smith',2215151101);
Query OK, 5 rows affected, 1 warning (0.880 sec)
Records: 5 Duplicates: 0 Warnings: 1
```

```
MariaDB [UniversityDB]> select *From Courses;
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Course_ID	Course_Name	Instructor	Studentr_ID
6	MML	Smith	22152530
8	FAL	John	22153128
9	AAL	Wilson	22154229
10	DLD	Smith	2147483647
23	DLF	Ram	22152127

```
5 rows in set (0.299 sec)
```

```
MariaDB [UniversityDB]> insert into Courses(Course_ID,Course_Name,Instructor,Studentr_ID)VALUES (11,'DLD','Jones',22152530),(12,'MML','John',22153128),(13,'DLF','Wilson',22154229),(14,'AAL','Smith',22152127),(16,'SSG','John',2215151101);
Query OK, 5 rows affected, 1 warning (0.193 sec)
Records: 5 Duplicates: 0 Warnings: 1
```

```
MariaDB [UniversityDB]> select *From Courses;
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Course_ID	Course_Name	Instructor	Studentr_ID
6	MML	Smith	22152530
8	FAL	John	22153128
9	AAL	Wilson	22154229
10	DLD	Smith	2147483647
11	DLD	Jones	22152530
12	MML	John	22153128
13	DLF	Wilson	22154229
14	AAL	Smith	22152127
16	SSG	John	2147483647
23	DLF	Ram	22152127

```
10 rows in set (0.067 sec)
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MariaDB [UniversityDB]>
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