

NAME: KOMARABATHINI NISHITHA

STUDENT ID:AF0400939

[Create a database](#) with the name StudentManagementSystem.

1. Create a table with named Student with attributes:

- StudentID (Primary Key)
- FirstName
- LastName
- DateOfBirth
- Gender
- Email
- Phone

SYNTAX:

```
mysql> create table student(  
-> id int(3) primary key,  
-> firstname varchar(30),  
-> lastname varchar(30),  
-> dateofbirth date,  
-> gender char(1),  
-> email varchar(30),  
-> phone varchar(15)  
-> );  
Query OK, 0 rows affected (0.01 sec)
```

TABLE:

```
mysql> desc student;  
+-----+-----+-----+-----+-----+-----+  
| Field      | Type          | Null | Key | Default | Extra |  
+-----+-----+-----+-----+-----+-----+  
| id         | int(3)        | NO   | PRI | NULL    |       |  
| firstname  | varchar(30)    | YES  |     | NULL    |       |  
| lastname   | varchar(30)    | YES  |     | NULL    |       |  
| dateofbirth | date          | YES  |     | NULL    |       |  
| gender     | char(1)        | YES  |     | NULL    |       |  
| email      | varchar(30)    | YES  |     | NULL    |       |  
| phone      | varchar(15)    | YES  |     | NULL    |       |  
+-----+-----+-----+-----+-----+-----+  
7 rows in set (0.02 sec)
```

2.Create a table with name Course with attributes:

- CourseID (Primary Key)
- CourseTitle
- Credits

SYNTAX:

```
mysql> CREATE TABLE Course (  
->     CourseID INT PRIMARY KEY,  
->     CourseTitle VARCHAR(100),  
->     Credits INT  
-> );  
Query OK, 0 rows affected (0.01 sec)
```

TABLE:

```
mysql> desc course;  
+-----+-----+-----+-----+-----+-----+  
| Field          | Type          | Null | Key | Default | Extra |  
+-----+-----+-----+-----+-----+-----+  
| CourseID       | int(11)       | NO   | PRI | NULL    |       |  
| CourseTitle    | varchar(100)  | YES  |     | NULL    |       |  
| Credits        | int(11)       | YES  |     | NULL    |       |  
+-----+-----+-----+-----+-----+-----+  
3 rows in set (0.01 sec)
```

3.Create a table with named Instructor with attributes:

- InstructorID (Primary Key)
- FirstName
- LastName
- Email

SYNTAX:

```
mysql> CREATE TABLE Instructor (  
->     InstructorID INT PRIMARY KEY,  
->     FirstName VARCHAR(50),  
->     LastName VARCHAR(50),  
->     Email VARCHAR(100)  
-> );  
Query OK, 0 rows affected (0.01 sec)
```

TABLE:

```
mysql> desc Instructor;  
+-----+-----+-----+-----+-----+-----+  
| Field          | Type          | Null | Key | Default | Extra |  
+-----+-----+-----+-----+-----+-----+  
| InstructorID   | int(11)       | NO   | PRI | NULL    |       |  
| FirstName      | varchar(50)   | YES  |     | NULL    |       |  
| LastName       | varchar(50)   | YES  |     | NULL    |       |  
| Email          | varchar(100)  | YES  |     | NULL    |       |  
+-----+-----+-----+-----+-----+-----+  
4 rows in set (0.01 sec)
```