**1.Create a Database & Table Using MySQL Command-Line Client. ● Create a database with the name StudentManagementSystem.**

**Code:-**

CREATE DATABASE StudentManagementSystem;

USE StudentManagementSystem;

**Output:-**

Query OK, 1 row affected (0.05 sec)

Database changed

**2. Create a table with named Student with attributes: -**

**● StudentID (Primary Key)**

**● FirstName**

**● LastName**

**● DateOfBirth**

**● Gender**

**● Email**

**● Phone**

**Code:-**

CREATE TABLE Student (

-> StudentID VARCHAR(10) PRIMARY KEY,

-> FirstName VARCHAR(15) NOT NULL,

-> LastName VARCHAR(20) NOT NULL,

-> DateOfBirth DateTime NOT NULL,

-> Gender VARCHAR(15) NOT NULL,

-> Email VARCHAR(25) UNIQUE NOT NULL,

-> Phone VARCHAR(20) NOT NULL

-> );

show tables;

**Output:-**

Query OK, 0 rows affected (0.06 sec)



**3. Create a table with name Course with attributes:**

**● CourseID (Primary Key)**

**● CourseTitle**

**● Credits**

**Code:-**

CREATE TABLE Course(

-> CourseID VARCHAR(15) PRIMARY KEY,

-> CourseTitle VARCHAR(25) NOT NULL,

-> Credits INT NOT NULL

-> );

show tables;

**Output:-**

Query OK, 0 rows affected (0.06 sec)



**4.Create a table with named Instructor with attributes:**

**● InstructorID (Primary Key)**

**● FirstName**

**● LastName**

**● Email**

**Code:-**

CREATE TABLE Instructor(

-> InstructorID VARCHAR(15) PRIMARY KEY,

-> Email VARCHAR(25) UNIQUE NOT NULL,

-> FirstName VARCHAR(30) NOT NULL,

-> LastName VARCHAR(20)

->

-> );

show tables;

**Output:-**

Query OK, 0 rows affected (0.06 sec).



**5.Create a table with named Enrollment with attributes:**

**● EnrollmentID (Primary Key)**

**● EnrollmentDate**

**● StudentID(Foreign key)**

**● CourseID(Foreign Key)**

**● InstructorID(Foreign key)**

**Code:-**

CREATE TABLE Enrollment(

-> EnrollmentID VARCHAR(10) PRIMARY KEY,

-> StudentID VARCHAR(15) NOT NULL,

-> CourseID VARCHAR(20) NOT NULL,

-> InstructorID VARCHAR(15) NOT NULL,

-> FOREIGN KEY(StudentID) REFERENCES Student(StudentID),

-> FOREIGN KEY(CourseID) REFERENCES Course(CourseID),

-> FOREIGN KEY(InstructorID) REFERENCES Instructor(InstructorID)

-> );

show tables;

**Output:-**

Query OK, 0 rows affected (0.06 sec)

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**6.Create a table with named Score with attributes:**

**● ScoreID (Primary Key)**

**● CourseID (Foreign key)**

**● StudentID (Foreign Key)**

**● DateOfExam**

**● CreditObtained**

**Code:-**

CREATE TABLE Score(

-> ScoreID VARCHAR(15) PRIMARY KEY,

-> StudentID VARCHAR(15) NOT NULL,

-> CourseID VARCHAR(20) NOT NULL,

-> FOREIGN KEY(StudentID) REFERENCES Student(StudentID),

-> FOREIGN KEY(CourseID) REFERENCES Course(CourseID),

-> CreditObtained VARCHAR(10) NOT NULL,

-> DateOfExam DateTime NOT NULL

-> );

show tables;

**Output:-**

Query OK, 0 rows affected (0.05 sec)

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**7.Create a table with named Feedback with attributes:**

**● FeedbackID (Primary Key)**

**● StudentID (Foreign key)**

**● Date**

**● InstructorName**

**● Feedback**

**Code:-**

CREATE TABLE Feedback(

-> FeedbackID INT Auto\_Increment PRIMARY KEY,

-> StudentID VARCHAR(15) NOT NULL,

-> InstructorName VARCHAR(10) NOT NULL,

-> Feedback VARCHAR(120) NOT NULL

-> );

show tables;

**Output:-**

Query OK, 0 rows affected (0.03 sec)

