**Lab 7**

Consider the following tables:

Teacher:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **TeacherID** | **Name** | **Office** | **Phone** | **Salary** | **Email** |
| T001 | Dr. Najma Waheed | F001 | 9125 | 150000 | [najma@uni.edu.pk](mailto:najma@uni.edu.pk) |
| T002 | Dr. Nouman Masood | F003 | 5291 | 175000 | [nouman@uni.edu.pk](mailto:nouman@uni.edu.pk) |
| T003 | Dr. Farhana Khan | F001 | 9222 | 125000 | [farhana@uni.edu.pk](mailto:farhana@uni.edu.pk) |

**Class:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ClassID** | **CourseCode** | **DayofWeek** | **StartTime** | **EndTime** | **Venue** |
| A001 | CS403 | Monday | 09:00 AM | 10:00 AM | A Block |
| B002 | CS301 | Tuesday | 09:00 AM | 10:00 AM | B Block |
| C003 | CS201 | Monday | 10:30 AM | 12:00 PM | C Block |

Consider the above given tables and perform the following Tasks;

1. Write the query to create the above tables in SQL Server.
2. Insert the records given in the above tables.

**Solution:**

CREATE TABLE Teacher(

TeacherID varchar(5) primary key,

Name varchar(30),

Office vrchar(10),

Phone smallint,

Salary int,

Email varchar(20)

);

CREATE TABLE Class(

ClassID varchar(5) primary key,

CourseCode varchar(10),

DayofWeek varchar(10),

StartTime time,

EndTime time,

Venue varchar(10)

);

INSERT INTO Teacher(TeacherID, Name, Office, Phone, Salary, Email)

VALUES('T001','Dr. Najma Waheed','F001', 9125, 150000,'najma@uni.edu.pk');

INSERT INTO Teacher(TeacherID, Name,Office, Phone, Salary, Email)

VALUES('T002','Dr. Nouman Masood','F003', 5291, 175000,'nouman@uni.edu.pk');

INSERT INTO Teacher(TeacherID, Name, Office, Phone, Salary, Email)

VALUES('T003','Dr. Farhana Khan','F001', 9222, 125000,'farhana@uni.edu.pk');

INSERT INTO class(ClassID, CourseCode, DayofWeek, StartTime, EndTime, Venue)

VALUES('A001','CS403','Monday', '09:00:00', '10:00:00','A Block');

INSERT INTO class(ClassID, CourseCode, DayofWeek, StartTime, EndTime, Venue)

VALUES('B002','CS301','Tuesday', '09:00:00', '10:00:00','B Block');

INSERT INTO class(ClassID, CourseCode, DayofWeek, StartTime, EndTime, Venue)

VALUES('C003','CS201','Monday', '10:30:00', '12:00:00','C Block');