

**NATIONAL UNIVERSITY OF MODERN LANGUAGES**

**Data Base Management Lab Report - 4**

**NAME: Abdul Rafay**

**ROLL NO:** FL23791

**PROGRAM:**  BSSE (4th Semester)

**COURSE:** DATA BASE MANAGEMENT

**SUBMITTED TO:** Sir M Waqar

**DATE: 5 May 2025                                                                                                                       DAY: Monday**

**Lab Report 4**

**Q1 Create tables of your project**

|  |  |
| --- | --- |
| CREATE TABLE Students (  StudentID INT PRIMARY KEY,  FirstName VARCHAR(50),  LastName VARCHAR(50),  Gender VARCHAR(10),  DateOfBirth DATE,  Major VARCHAR(50),  EnrollmentYear INT  ); | CREATE TABLE Courses (  CourseID INT PRIMARY KEY,  CourseName VARCHAR(100),  Credits INT,  Department VARCHAR(50)  ); |

**Q2. Insert data that is 25 to 30 records in all tables in your project**

**Students Data:**

INSERT INTO Students (StudentID, FirstName, LastName, Gender, DateOfBirth, Major, EnrollmentYear)

VALUES

(1, 'Ali', 'Khan', 'Male', '2000-05-15', 'Computer Science', 2018),

(2, 'Ahmed', 'Iqbal', 'Male', '1999-10-22', 'Software Engineering', 2017),

(3, 'Usman', 'Raza', 'Male', '2001-02-18', 'Computer Science', 2019),

(4, 'Bilal', 'Shah', 'Male', '2000-07-25', 'Information Technology', 2018),

(5, 'Omar', 'Siddiqui', 'Male', '1998-12-30', 'Computer Science', 2016),

(6, 'Zaid', 'Mahmood', 'Male', '1999-01-11', 'Artificial Intelligence', 2017),

(7, 'Imran', 'Farooq', 'Male', '2001-03-05', 'Computer Science', 2019),

(8, 'Tariq', 'Jamil', 'Male', '2000-11-19', 'Data Science', 2018),

(9, 'Farhan', 'Yousaf', 'Male', '1998-08-08', 'Software Engineering', 2016),

(10, 'Salman', 'Ahmed', 'Male', '2000-04-20', 'Cyber Security', 2018);

**Courses Data :**

INSERT INTO Courses (CourseID, CourseName, Credits, Department)

VALUES

(1, 'Introduction to Programming', 3, 'Computer Science'),

(2, 'Data Structures and Algorithms', 3, 'Computer Science'),

(3, 'Database Management Systems', 3, 'Computer Science'),

(4, 'Computer Networks', 3, 'Computer Science'),

(5, 'Software Engineering', 3, 'Computer Science'),

(6, 'Operating Systems', 3, 'Computer Science'),

(7, 'Web Development', 3, 'Computer Science'),

(8, 'Artificial Intelligence', 3, 'Computer Science'),

(9, 'Machine Learning', 3, 'Computer Science'),

(10, 'Cyber Security', 3, 'Computer Science');

**Output:**

