SQL QUERIES

1. CREATE DATABASE WEEK8DATABASE;
2. USE WEEK8DATABASE;

CREATING TABLES

1. CREATE TABLE Students (

StudentID INT PRIMARY KEY AUTO\_INCREMENT,

Name VARCHAR(100) NOT NULL

);

1. CREATE TABLE Teachers (

TeacherID INT PRIMARY KEY AUTO\_INCREMENT,

Name VARCHAR(100) NOT NULL,

subject VARCHAR(100) NOT NULL

);

1. CREATE TABLE Courses (

CourseID INT PRIMARY KEY AUTO\_INCREMENT,

CourseName VARCHAR(100) NOT NULL,

TeacherID INT

);

1. CREATE TABLE Assessments (

AssessmentID INT PRIMARY KEY AUTO\_INCREMENT,

CourseID INT,

studentID INT

);

1. CREATE TABLE LearningPlans (

PlanID INT PRIMARY KEY AUTO\_INCREMENT,

StudentID INT

);

1. CREATE TABLE ProgressReports (

ReportID INT PRIMARY KEY AUTO\_INCREMENT,

StudentID INT,

AssessmentResults TEXT

);

1. CREATE TABLE Resources (

ResourceID INT PRIMARY KEY AUTO\_INCREMENT,

CourseID INT

);

populate

1. INSERT INTO Students (studentID, name)

VALUES

(1, 'Alice Johnson'),

(2, 'Bob Smith'),

(3, 'Charlie Brown'),

(4, 'Diana Prince');

1. INSERT INTO Teachers (teacherID, name, subject)

VALUES

(1, 'Emma Watson', 'Mathematics'),

(2, 'John Doe', 'Science'),

(3, 'Mary Jane', 'History'),

(4, 'Peter Parker', 'English');

1. INSERT INTO Courses (courseID, courseName, teacherID)

VALUES

(1, 'Algebra I', 1),

(2, 'Biology 101', 2),

(3, 'World History', 3),

(4, 'English Literature', 4);

1. INSERT INTO Resources (resourceID, courseID)

VALUES

(1, 1),

(2, 2),

(3, 3),

(4, 4);

INSERT INTO LearningPlans (planID, studentID)

VALUES

(1, 1),

(2, 2),

(3, 3),

(4, 4);

1. INSERT INTO ProgressReports (reportID, studentID, assessmentResults)

VALUES

(1, 1, '85/100'),

(2, 2, '70/100'),

(3, 3, '80/100'),

(4, 4, '92/100');

1. INSERT INTO Assessments (assessmentID, courseID, studentID)

VALUES

(1, 1, 1),

(2, 1, 2),

(3, 2, 2),

(4, 3, 3),

(5, 4, 4);

SQL QUERIES FOR RETRIVAL

-SELECT \* FROM Students;

-select \* FROM teachers

-SELECT \* FROM assessments

-SELECT

Courses.CourseID,

Courses.CourseName,

Teachers.Name AS TeacherName

FROM Courses

JOIN Teachers ON Courses.TeacherID = Teachers.TeacherID;

-SELECT \*

FROM Assessments

WHERE Assessments.CourseID = 4;

-SELECT AssessmentsID FROM assessments

WHERE AssessmentID = 3

GROUP BY AssessmentsID;