**LAB - 1**

**09|01|2023**

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**CSE-24**

**21052264**

CREATE TABLE STUDENT(

StudentID INT NOT NULL PRIMARY KEY,

Last VARCHAR(10),

First VARCHAR(10),

Street VARCHAR(25),

City VARCHAR(15),

State VARCHAR(10),

Zip INT,

StartTerm DATE,

BirthDate DATE,

FacultyID INT NOT NULL,

MajorID INT NOT NULL,

Phone INT

);

CREATE TABLE FACULTY(

FacultyId INT NOT NULL PRIMARY KEY,

Name VARCHAR(20),

RoomId INT,

Phone INT,

DeptId INT NOT NULL

);

CREATE TABLE COURSE(

CourseID INT NOT NULL PRIMARY KEY,

Title VARCHAR(10) UNIQUE,

Credits INT,

PreReq VARCHAR(30)

);

CREATE TABLE CRSSECTION(

CsID INT NOT NULL PRIMARY KEY,

CourseID INT NOT NULL,

Section INT,

TermID INT NOT NULL,

FacultyID INT NOT NULL,

Day VARCHAR(10),

StartTime DATETIME,

EndTime DATETIME,

RoomId INT NOT NULL,

MaxCount INT

);

CREATE TABLE TERM(

TermId INT NOT NULL PRIMARY KEY,

TermDesc VARCHAR(30),

StartDate DATE,

EndDate DATE

);

CREATE TABLE ROOM(

RoomType VARCHAR(3) NOT NULL,

RoomDesc VARCHAR(30)

);

CREATE TABLE REGISTRATION(

StudentID INT NOT NULL PRIMARY KEY,

CsId INT,

Midterm DATE,

Final DATE,

RegStatus VARCHAR(10)

);

CREATE TABLE DEPARTMENT(

DeptId INT NOT NULL PRIMARY KEY,

DeptName VARCHAR(10),

FacultyId INT

);

CREATE TABLE MAJOR(

MajorId INT NOT NULL,

MajorDesc VARCHAR(30)

);

CREATE TABLE LOCATION(

RoomId INT NOT NULL,

Building VARCHAR(4),

RoomNo INT,

Capacity INT,

RoomType VARCHAR(10)

);

CREATE TABLE EMPLOYEE(

EmployeeId INT NOT NULL PRIMARY KEY,

Lname VARCHAR(10),

Fname VARCHAR(10),

PositionId INT,

Supervisor VARCHAR(20),

HireDate DATE,

Salary INT,

Comission INT,

DeptId INT,

Quald INT

);

CREATE TABLE POSITION(

PositionId INT NOT NULL,

PosDesc VARCHAR(20),

);

CREATE TABLE DEPT(

DeptId INT NOT NULL PRIMARY KEY,

DeptName VARCHAR(20),

Location VARCHAR(30),

EmployeeId INT

);

CREATE TABLE QUALIFICATION(

QualId INT NOT NULL,

QualDesc VARCHAR(30)

);

CREATE TABLE EMPLEVEL(

LevelNo INT NOT NULL,

LowSalary INT,

HighSalary INT

);

CREATE TABLE DEPENDENT(

EmployeeId INT NOT NULL PRIMARY KEY,

DependentId INT,

DepDOB DATE,

Relation VARCHAR(20)

);