Anderson Guse

Mr. Ronald Enz

Due July 3, 2017

SQL

Assignment #4 Code

1. create table Appointments (

ApptID char(6) not null primary key,

FirstName varchar(30) not null,

LastName varchar(30) not null,

Address varchar(60) null,

PhoneNo char(10) null,

Day date not null,

TimeOfDay time not null,

CusID char(4)

);

create table Patients (

CusID char(6) not null primary key,

FirstName varchar(30) not null,

LastName varchar(30) not null,

Address varchar(60) null,

PhoneNo char(10) null,

ApptID char(4) null

);

create table Dentists (

DenID char(6) not null primary key,

FirstName varchar(30) not null,

LastName varchar(30) not null,

Address varchar(60) null,

PhoneNo char(10) null

);

create table Procedures (

ProcID char(6) not null primary key,

TypeOfProcedure varchar(60) not null,

FirstName varchar(30) not null,

LastName varchar(30) not null,

Address varchar(60) null,

PhoneNo char(10) null

);

1. create table Employees (

empID integer not null primary key,

firstName varchar(30) not null,

lastName varchar(30) not null,

address varchar(60) null,

deptCode varchar(10) not null,

salary currency null,

email varchar(60) null

);

insert into Employees

values (156, 'Tony', 'Jenkins', 'Dallas', 'ACCT', null, 'tj@pacbell.com')

;

insert into Employees

values (207, 'Betty', 'Jones', 'Nashville', 'MKTG', '31,000.00', 'bjones@yahoo.com')

;

insert into Employees

values (302, 'John', 'Carver', 'Miami', 'ACCT', '29,000.00', 'jc@hotmail.com')

;

insert into Employees

values (457, 'Susan', 'Collins', 'Houstons', 'IT', '29,000.00', null)

;

create table Depts (

DeptID varchar(10) not null primary key,

DeptName varchar(30) not null,

DeptLocation varchar(30) not null

);

insert into Depts

values ('ACCT', 'Accounting', 'Dallas')

;

insert into Depts

values ('MKTG', 'Marketing', 'Atlanta')

;

insert into Depts

values ('IT', 'Information Tech', 'Houston')

;

insert into Depts

values ('HR', 'Human Resources', 'Charlotte')

;

create table Accounts (

acctNo integer not null primary key,

owner varchar(30) not null,

address varchar(60) not null,

type varchar(10) not null,

balance currency not null

);

insert into Accounts

values(44421, ‘David Smith’, ‘Atlanta’, ‘SAV’, ‘225.00’)

;

insert into Accounts

values (77791, 'David Smith', 'Atlanta', 'MMA', '4,560.00')

;

insert into Accounts

values (32145, ‘Karen Wilson’, ‘Duluth’, ‘CHK’, ‘231.12’)

;

insert into Accounts

values (14566, 'Karen Wilson', 'Duluth', 'MMA', '3,125.00')

;

insert into Accounts

values (78777, 'Kyle Miles', 'Marietta', 'SAV', '2,000.00')

;

insert into Accounts

values (78900, 'Kyle Miles', 'Marietta', 'CHK', '314.90')

;

insert into Accounts

values (75412, 'Ben Cole', 'Acworth', 'CHK', '566.87')

;

insert into Accounts

values (75413, 'Ben Cole', 'Acworth', 'SAV', '5,000.00')

;

insert into Accounts

values (75414, 'Ben Cole', 'Acworth', 'MMA', '2,900.00')

;

1. drop table Accounts;
2. insert into Appointments

values ('123456', 'Anderson', 'Gusman', 'Atlanta', '4041428776', '2017-4-21', '10:15:00 AM', '4321')

;

insert into Appointments

values ('123556', 'Adam', 'Gusman', 'Atlanta', '4041428775', '2017-4-22', '11:00:00 AM', '4322')

;

insert into Appointments

values ('123557', 'Sonya', 'Talem', 'Los Angeles', '4041428792', '2017-5-22', '5:00:00 PM', '4362')

;

insert into Dentists

values ('123456', 'Hakeem', 'Obosla', 'Atlanta', '5436662414')

;

insert into Dentists

values ('123457', 'Harold', 'Adams', 'Atlanta', '5436782414')

;

insert into Dentists

values ('122257', 'Michelle', 'Astin', 'Marietta', '5434322414')

;

insert into Depts

values ('SQL', 'Structured Query Language', 'Atlanta')

;

insert into Depts

values (‘PRGRM’, ‘Programming’, ‘Atlanta’)

;

insert into Depts

values ('WEBDEV', 'Web Development', 'Atlanta')

;

insert into Employees

values (123, 'John', 'Don', 'Dallas', 'ACCT', '40,000.00', 'johndon@gmail.com')

;

insert into Employees

values (124, 'Jenae', 'Dilly', 'Houston', 'MKTG', '41,000.00', 'jenaedilly@gmail.com')

;

insert into Employees

values (125, 'Jordana', 'Brewster', 'Miami', 'MKTG', '37,000.00', 'jordanabrew@gmail.com')

;

insert into Patients

values ('12455', 'Chloe', 'Bennet', 'Atlanta', '1234567891', '1234')

;

insert into Patients

values ('12456', 'Clay', 'Forest', 'Atlanta', '1234457891', '1244')

;

insert into Patients

values ('12156', 'Bob', 'Saget', 'Nashville', '1234490991', '1344')

;

insert into Procedures

values ('1234', 'Filling', 'Akeyla', 'Tallim', 'Atlanta', '1234561111')

;

insert into Procedures

values ('12345', 'Braces', 'Dillon', 'Tratton', 'Houston', '1234561441')

;

insert into Procedures

values ('123456', 'Wisdom teeth removal', 'Athena', 'Oswald', 'Houston', '1234461441')

;

1. delete from Appointments

where ApptID = '123557'

;

delete from Appointments

where ApptID = '123556'

;

delete from Dentists

where DenID = '123457'

;

delete from Dentists

where DenID = '123456'

;

delete from Depts

where DeptID = 'WEBDEV'

;

delete from Depts

where DeptID = 'SQL'

;

delete from Employees

where empID = 457

;

delete from Employees

where empID = 302

;

delete from Patients

where CusID = '12456'

;

delete from Patients

where CusID = ' 12455'

;

delete from Procedures

where ProcID = '123456'

;

delete from Procedures

where ProcID = ' 12345'

;

1. update Dentists

set LastName = 'Moore'

;