DROP TABLE Rooms;

DROP TABLE Persons;

DROP TABLE Diagnoses;

DROP TABLE Treatments;

DROP TABLE PatientTreatments;

DROP TABLE Admissions;

DROP TABLE AdditionalDoctors;

CREATE TABLE Rooms

(

roomNum INTEGER,

isOccupied VARCHAR,

firstName VARCHAR,

lastName VARCHAR,

admitDate VARCHAR,

PRIMARY KEY (roomNum)

);

CREATE TABLE Persons

(

pID INTEGER,

personType VARCHAR,

pFirstName VARCHAR,

lastName VARCHAR UNIQUE,

PRIMARY KEY (pID AUTOINCREMENT)

);

CREATE TABLE Diagnoses

(

dID INTEGER,

diagnosisName VARCHAR UNIQUE,

PRIMARY KEY (dID AUTOINCREMENT)

);

CREATE TABLE Treatments

(

tID INTEGER,

treatmentName VARCHAR UNIQUE,

treatmentType VARCHAR,

PRIMARY KEY (tID AUTOINCREMENT)

);

CREATE TABLE PatientTreatments

(

lastName VARCHAR,

treatment VARCHAR,

orderingDoctor VARCHAR,

administerTime VARCHAR,

PRIMARY KEY (lastName, treatment, administerTime)

);

CREATE TABLE Admissions

(

firstName VARCHAR,

lastName VARCHAR,

roomNum INTEGER,

diagnosis VARCHAR,

primaryDoctor VARCHAR,

insurancePolicy VARCHAR,

insuranceCompany VARCHAR,

ecName VARCHAR,

ecPhone VARCHAR,

admitDate VARCHAR,

dischargeDate VARCHAR,

PRIMARY KEY (lastName, admitDate)

);

CREATE TABLE AdditionalDoctors

(

patient VARCHAR,

doctor VARCHAR,

PRIMARY KEY (patient, doctor)

);