CREATE DATABASE IF NOT EXISTS Pregnancy\_Tracker;

USE Pregnancy\_Tracker;

CREATE TABLE IF NOT EXISTS DOCTOR (

DoctorID INT,

F\_Name VARCHAR(15) NOT NULL,

L\_Name VARCHAR(15) NOT NULL,

Age INT NOT NULL,

CONSTRAINT DOCTOR\_pk PRIMARY KEY (DoctorID)

);

INSERT INTO DOCTOR (DoctorID,F\_Name,L\_Name,Age) VALUES (9001,"Diana","Briggs",53);

INSERT INTO DOCTOR (DoctorID,F\_Name,L\_Name,Age) VALUES (9002,"Ria","Holcomb",60);

INSERT INTO DOCTOR (DoctorID,F\_Name,L\_Name,Age) VALUES (9003,"Neil","England",40);

INSERT INTO DOCTOR (DoctorID,F\_Name,L\_Name,Age) VALUES (9004,"Xavier","Crane",44);

INSERT INTO DOCTOR (DoctorID,F\_Name,L\_Name,Age) VALUES (9005,"Marcia","Buckner",27);

CREATE TABLE IF NOT EXISTS PATIENT(

PatientID INT AUTO\_INCREMENT,

First\_Name VARCHAR(15) NOT NULL,

Last\_Name VARCHAR(15) NOT NULL,

CONSTRAINT PATIENT\_pk PRIMARY KEY (PatientID)

);

INSERT INTO PATIENT (PatientID,First\_Name,Last\_Name) VALUES (1001,"Emma","Carson");

INSERT INTO PATIENT (PatientID,First\_Name,Last\_Name) VALUES (1002,"Lilah","Houston");

INSERT INTO PATIENT (PatientID,First\_Name,Last\_Name) VALUES (1003,"Rosalyn","Hopkins");

INSERT INTO PATIENT (PatientID,First\_Name,Last\_Name) VALUES (1004,"Stacy","Doyle");

INSERT INTO PATIENT (PatientID,First\_Name,Last\_Name) VALUES (1005,"Sharon","Hooper");

INSERT INTO PATIENT (PatientID,First\_Name,Last\_Name) VALUES (1006,"Iris","Swanson");

INSERT INTO PATIENT (PatientID,First\_Name,Last\_Name) VALUES (1007,"Emerald","Velez");

INSERT INTO PATIENT (PatientID,First\_Name,Last\_Name) VALUES (1008,"Yvonne","Donaldson");

INSERT INTO PATIENT (PatientID,First\_Name,Last\_Name) VALUES (1009,"Jada","Chase");

INSERT INTO PATIENT (PatientID,First\_Name,Last\_Name) VALUES (1010,"Kaden","Mason");

INSERT INTO PATIENT (PatientID,First\_Name,Last\_Name) VALUES (1011,"Macey","Norris");

INSERT INTO PATIENT (PatientID,First\_Name,Last\_Name) VALUES (1012,"Robin","Forbes");

INSERT INTO PATIENT (PatientID,First\_Name,Last\_Name) VALUES (1013,"Patience","Cardenas");

INSERT INTO PATIENT (PatientID,First\_Name,Last\_Name) VALUES (1014,"Sopoline","Ball");

INSERT INTO PATIENT (PatientID,First\_Name,Last\_Name) VALUES (1015,"Ella","Houston");

INSERT INTO PATIENT (PatientID,First\_Name,Last\_Name) VALUES (1016,"Wanda","Crane");

INSERT INTO PATIENT (PatientID,First\_Name,Last\_Name) VALUES (1017,"Hanae","Mccoy");

INSERT INTO PATIENT (PatientID,First\_Name,Last\_Name) VALUES (1018,"Dominique","Norris");

INSERT INTO PATIENT (PatientID,First\_Name,Last\_Name) VALUES (1019,"Barbara","Maxwell");

INSERT INTO PATIENT (PatientID,First\_Name,Last\_Name) VALUES (1020,"Danielle","Wallace");

CREATE TABLE IF NOT EXISTS MEDICATION(

MedID INT,

Med\_Name VARCHAR(20) NOT NULL,

CONSTRAINT MEDICATION\_pk PRIMARY KEY (MedID)

);

INSERT INTO MEDICATION (MedID,Med\_Name) VALUES (8001,"Flovent HFA");

INSERT INTO MEDICATION (MedID,Med\_Name) VALUES (8002,"Endocet");

INSERT INTO MEDICATION (MedID,Med\_Name) VALUES (8003,"Meloxicam");

INSERT INTO MEDICATION (MedID,Med\_Name) VALUES (8004,"Venlafaxine HCl ER");

INSERT INTO MEDICATION (MedID,Med\_Name) VALUES (8005,"Lipitor");

INSERT INTO MEDICATION (MedID,Med\_Name) VALUES (8006,"Nexium");

INSERT INTO MEDICATION (MedID,Med\_Name) VALUES (8007,"Furosemide");

INSERT INTO MEDICATION (MedID,Med\_Name) VALUES (8008,"Hydrocodone");

INSERT INTO MEDICATION (MedID,Med\_Name) VALUES (8009,"Prednisone");

INSERT INTO MEDICATION (MedID,Med\_Name) VALUES (8010,"Amoxicillin");

CREATE TABLE IF NOT EXISTS APPOINTMENT (

ApptID INT,

Appt\_Date DATE NOT NULL,

Appt\_Time TIME NOT NULL,

PatientID INT NOT NULL,

DoctorID INT NOT NULL,

Summary TEXT,

CONSTRAINT APPT\_pk PRIMARY KEY (ApptID),

CONSTRAINT APPT\_PatientID\_fk FOREIGN KEY (PatientID)

REFERENCES PATIENT (PatientID),

CONSTRAINT APPT\_DoctorID\_fk FOREIGN KEY (DoctorID)

REFERENCES DOCTOR (DoctorID)

);

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5001,"19-02-23","10:00",1001,9002,"Fusce dolor quam, elementum at, egestas a, scelerisque sed, sapien. Nunc pulvinar arcu et");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5002,"19-04-29","10:00",1006,9005,"dapibus id, blandit at, nisi. Cum sociis natoque");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5003,"18-04-25","8:00",1003,9004,"per conubia nostra, per inceptos hymenaeos. Mauris ut quam vel sapien");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5004,"19-10-19","4:00",1016,9005,"ut dolor dapibus gravida. Aliquam tincidunt, nunc ac mattis ornare, lectus ante dictum mi, ac");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5005,"17-10-21","4:00",1010,9001,"amet, consectetuer adipiscing elit. Curabitur sed tortor. Integer aliquam adipiscing lacus. Ut");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5006,"18-12-03","4:00",1004,9004,"vel, mauris. Integer sem elit, pharetra ut, pharetra sed, hendrerit");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5007,"18-02-11","2:00",1009,9005,"nec, mollis vitae, posuere at, velit. Cras");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5008,"18-06-15","10:00",1009,9003,"cursus. Nunc mauris elit, dictum eu, eleifend nec, malesuada ut, sem.");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5009,"18-03-04","4:00",1001,9001,"diam nunc, ullamcorper eu, euismod ac, fermentum vel, mauris. Integer sem elit, pharetra");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5010,"21-03-06","4:00",1015,9002,"Maecenas malesuada fringilla est. Mauris eu");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5011,"21-01-14","10:00",1017,9004,"ac turpis egestas. Fusce aliquet magna a neque. Nullam ut");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5012,"21-03-27","10:00",1020,9004,"dolor. Fusce feugiat. Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Aliquam auctor, velit eget");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5013,"18-07-18","10:00",1015,9001,"eu, eleifend nec, malesuada ut, sem. Nulla interdum. Curabitur dictum. Phasellus");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5014,"21-06-16","4:00",1009,9001,"nulla. Integer urna. Vivamus molestie dapibus");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5015,"18-10-02","8:00",1014,9002,"sem molestie sodales. Mauris blandit enim consequat purus. Maecenas");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5016,"18-08-18","4:00",1001,9001,"dolor. Nulla semper tellus id nunc interdum feugiat.");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5017,"19-01-23","8:00",1016,9002,"ridiculus mus. Proin vel arcu eu odio tristique pharetra.");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5018,"20-03-25","8:00",1005,9004,"neque. Nullam ut nisi a odio semper cursus. Integer mollis.");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5019,"21-02-23","10:00",1008,9003,"arcu. Nunc mauris. Morbi non sapien molestie orci tincidunt adipiscing. Mauris molestie pharetra nibh.");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5020,"20-12-31","8:00",1009,9003,"Nam interdum enim non nisi. Aenean");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5021,"18-11-12","8:00",1010,9003,"dui. Fusce diam nunc, ullamcorper eu,");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5022,"21-09-08","10:00",1015,9002,"Quisque varius. Nam porttitor scelerisque neque. Nullam nisl.");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5023,"17-10-24","4:00",1020,9005,"justo nec ante. Maecenas mi felis,");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5024,"21-02-24","2:00",1010,9002,"ipsum non arcu. Vivamus sit amet risus. Donec egestas. Aliquam nec enim.");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5025,"18-03-08","2:00",1004,9004,"consectetuer euismod est arcu ac orci. Ut semper pretium neque. Morbi quis urna. Nunc quis");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5026,"20-08-07","10:00",1014,9005,"nisi sem semper erat, in consectetuer ipsum nunc id enim. Curabitur massa. Vestibulum accumsan");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5027,"19-04-09","8:00",1018,9003,"dictum eleifend, nunc risus varius orci, in consequat enim diam");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5028,"20-06-19","2:00",1016,9001,"sed, hendrerit a, arcu. Sed et libero. Proin mi.");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5029,"20-01-06","10:00",1004,9003,"dolor elit, pellentesque a, facilisis non, bibendum sed, est.");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5030,"18-01-04","10:00",1002,9001,"sit amet lorem semper auctor.");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5031,"18-08-26","4:00",1005,9002,"pulvinar arcu et pede. Nunc sed orci lobortis augue scelerisque mollis. Phasellus libero mauris, aliquam");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5032,"18-09-27","8:00",1003,9004,"mauris a nunc. In at");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5033,"17-11-28","10:00",1003,9003,"molestie pharetra nibh. Aliquam ornare,");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5034,"19-03-25","2:00",1020,9004,"luctus. Curabitur egestas nunc sed libero. Proin");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5035,"17-10-11","4:00",1017,9001,"euismod in, dolor. Fusce feugiat. Lorem ipsum");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5036,"20-01-02","2:00",1016,9003,"in, dolor. Fusce feugiat. Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Aliquam");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5037,"20-09-10","8:00",1010,9005,"amet massa. Quisque porttitor eros nec tellus. Nunc lectus pede, ultrices");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5038,"19-09-25","4:00",1009,9001,"Aliquam adipiscing lobortis risus. In");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5039,"21-01-09","10:00",1006,9005,"egestas, urna justo faucibus lectus, a sollicitudin orci sem eget massa. Suspendisse eleifend. Cras sed");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5040,"21-08-24","10:00",1005,9004,"magna et ipsum cursus vestibulum.");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5041,"19-02-09","8:00",1008,9005,"nulla vulputate dui, nec tempus mauris erat eget ipsum. Suspendisse sagittis.");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5042,"21-05-29","4:00",1012,9001,"diam nunc, ullamcorper eu, euismod ac, fermentum vel, mauris. Integer sem elit, pharetra ut, pharetra");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5043,"21-07-08","8:00",1006,9005,"vitae, orci. Phasellus dapibus quam quis diam.");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5044,"21-08-30","2:00",1009,9002,"aliquet. Phasellus fermentum convallis ligula. Donec luctus");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5045,"19-10-08","8:00",1005,9004,"Nullam scelerisque neque sed sem egestas blandit. Nam nulla magna, malesuada vel, convallis in, cursus");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5046,"21-07-30","2:00",1019,9001,"ultrices a, auctor non, feugiat nec, diam. Duis");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5047,"21-08-26","4:00",1015,9003,"Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia Curae; Phasellus");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5048,"18-08-02","10:00",1010,9003,"neque. Nullam nisl. Maecenas malesuada fringilla est. Mauris eu");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5049,"18-07-02","2:00",1014,9002,"lacinia orci, consectetuer euismod est arcu ac orci.");

INSERT INTO APPOINTMENT (ApptID,Appt\_Date,Appt\_Time,PatientID,DoctorID,Summary) VALUES (5050,"18-05-24","2:00",1007,9002,"ridiculus mus. Proin vel nisl. Quisque fringilla");

CREATE TABLE IF NOT EXISTS PRESCRIPTION (

ApptID INT NOT NULL,

MedID INT NOT NULL,

CONSTRAINT PRESCRIPTION\_pk PRIMARY KEY (ApptID, MedID),

CONSTRAINT PRESCRIPTION\_ApptID\_fk FOREIGN KEY (ApptID)

REFERENCES APPOINTMENT (ApptID),

CONSTRAINT PRESCRIPTION\_MedID\_fk FOREIGN KEY (MedID)

REFERENCES MEDICATION (MedID)

);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5030,8003);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5046,8001);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5005,8008);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5024,8008);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5010,8006);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5040,8010);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5048,8006);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5035,8001);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5015,8004);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5005,8004);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5012,8006);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5003,8005);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5006,8005);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5007,8005);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5046,8009);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5044,8006);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5039,8006);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5016,8009);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5014,8010);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5017,8007);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5038,8001);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5035,8007);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5023,8004);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5003,8007);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5017,8002);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5049,8009);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5021,8001);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5031,8001);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5042,8009);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5002,8008);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5016,8008);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5007,8004);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5039,8007);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5027,8002);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5031,8007);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5047,8001);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5035,8002);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5040,8001);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5013,8001);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5014,8002);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5048,8010);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5044,8008);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5046,8004);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5024,8006);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5023,8008);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5002,8002);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5001,8006);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5007,8007);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5024,8009);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5030,8008);

INSERT INTO PRESCRIPTION (ApptID,MedID) VALUES (5011,8001);

CREATE TABLE IF NOT EXISTS CURRENT\_PREGNANCY (

C\_PatientID INT,

Due\_Date DATE NOT NULL,

CONSTRAINT CURRENT\_PREGN\_pk PRIMARY KEY (C\_PatientID, Due\_Date),

CONSTRAINT CURRENT\_CPatientID\_fk FOREIGN KEY (C\_PatientID)

REFERENCES PATIENT (PatientID)

);

INSERT INTO CURRENT\_PREGNANCY (C\_PatientID,Due\_Date) VALUES (1001,"21-05-28");

INSERT INTO CURRENT\_PREGNANCY (C\_PatientID,Due\_Date) VALUES (1002,"21-06-27");

INSERT INTO CURRENT\_PREGNANCY (C\_PatientID,Due\_Date) VALUES (1004,"20-12-24");

INSERT INTO CURRENT\_PREGNANCY (C\_PatientID,Due\_Date) VALUES (1005,"21-03-14");

INSERT INTO CURRENT\_PREGNANCY (C\_PatientID,Due\_Date) VALUES (1006,"21-02-06");

INSERT INTO CURRENT\_PREGNANCY (C\_PatientID,Due\_Date) VALUES (1007,"20-12-31");

INSERT INTO CURRENT\_PREGNANCY (C\_PatientID,Due\_Date) VALUES (1008,"21-01-08");

INSERT INTO CURRENT\_PREGNANCY (C\_PatientID,Due\_Date) VALUES (1010,"21-03-05");

INSERT INTO CURRENT\_PREGNANCY (C\_PatientID,Due\_Date) VALUES (1011,"21-04-28");

INSERT INTO CURRENT\_PREGNANCY (C\_PatientID,Due\_Date) VALUES (1012,"21-05-20");

INSERT INTO CURRENT\_PREGNANCY (C\_PatientID,Due\_Date) VALUES (1013,"21-07-03");

INSERT INTO CURRENT\_PREGNANCY (C\_PatientID,Due\_Date) VALUES (1014,"21-01-03");

INSERT INTO CURRENT\_PREGNANCY (C\_PatientID,Due\_Date) VALUES (1016,"21-03-18");

INSERT INTO CURRENT\_PREGNANCY (C\_PatientID,Due\_Date) VALUES (1017,"20-12-24");

INSERT INTO CURRENT\_PREGNANCY (C\_PatientID,Due\_Date) VALUES (1018,"21-01-11");

INSERT INTO CURRENT\_PREGNANCY (C\_PatientID,Due\_Date) VALUES (1020,"21-03-21");

CREATE TABLE IF NOT EXISTS PAST\_PREGNANCY (

P\_PatientID INT,

Delivery\_Date DATE NOT NULL,

Delivery\_Info TEXT NOT NULL,

CONSTRAINT PAST\_PREGN\_pk PRIMARY KEY (P\_PatientID, Delivery\_Date),

CONSTRAINT PAST\_P\_PatientID\_fk FOREIGN KEY (P\_PatientID)

REFERENCES PATIENT (PatientID)

);

INSERT INTO PAST\_PREGNANCY (P\_PatientID,DELIVERY\_Date,Delivery\_Info) VALUES (1001,"20-02-08","Ut tincidunt vehicula risus. Nulla eget metus eu erat semper");

INSERT INTO PAST\_PREGNANCY (P\_PatientID,DELIVERY\_Date,Delivery\_Info) VALUES (1003,"17-09-20","Suspendisse sagittis. Nullam vitae diam. Proin dolor. Nulla semper tellus id nunc interdum feugiat.");

INSERT INTO PAST\_PREGNANCY (P\_PatientID,DELIVERY\_Date,Delivery\_Info) VALUES (1004,"18-01-11","posuere, enim nisl elementum purus, accumsan interdum");

INSERT INTO PAST\_PREGNANCY (P\_PatientID,DELIVERY\_Date,Delivery\_Info) VALUES (1005,"19-01-18","condimentum. Donec at arcu. Vestibulum ante ipsum primis");

INSERT INTO PAST\_PREGNANCY (P\_PatientID,DELIVERY\_Date,Delivery\_Info) VALUES (1007,"20-01-04","Aenean eget metus. In nec orci. Donec nibh. Quisque nonummy ipsum non arcu.");

INSERT INTO PAST\_PREGNANCY (P\_PatientID,DELIVERY\_Date,Delivery\_Info) VALUES (1008,"20-06-08","aliquet libero. Integer in magna. Phasellus dolor elit, pellentesque a, facilisis");

INSERT INTO PAST\_PREGNANCY (P\_PatientID,DELIVERY\_Date,Delivery\_Info) VALUES (1009,"18-01-06","leo. Vivamus nibh dolor, nonummy ac, feugiat");

INSERT INTO PAST\_PREGNANCY (P\_PatientID,DELIVERY\_Date,Delivery\_Info) VALUES (1010,"20-06-22","est. Nunc ullamcorper, velit in aliquet lobortis, nisi nibh lacinia orci, consectetuer euismod est arcu");

INSERT INTO PAST\_PREGNANCY (P\_PatientID,DELIVERY\_Date,Delivery\_Info) VALUES (1011,"18-12-18","risus varius orci, in consequat enim diam vel arcu. Curabitur ut odio vel est");

INSERT INTO PAST\_PREGNANCY (P\_PatientID,DELIVERY\_Date,Delivery\_Info) VALUES (1013,"20-04-06","eu, odio. Phasellus at augue id");

INSERT INTO PAST\_PREGNANCY (P\_PatientID,DELIVERY\_Date,Delivery\_Info) VALUES (1014,"19-04-15","Praesent interdum ligula eu enim. Etiam");

INSERT INTO PAST\_PREGNANCY (P\_PatientID,DELIVERY\_Date,Delivery\_Info) VALUES (1015,"20-01-19","In at pede. Cras vulputate velit eu sem. Pellentesque");

INSERT INTO PAST\_PREGNANCY (P\_PatientID,DELIVERY\_Date,Delivery\_Info) VALUES (1016,"19-05-30","sit amet, dapibus id, blandit at, nisi. Cum sociis natoque");

INSERT INTO PAST\_PREGNANCY (P\_PatientID,DELIVERY\_Date,Delivery\_Info) VALUES (1017,"18-08-06","Curabitur dictum. Phasellus in felis. Nulla tempor augue ac ipsum. Phasellus vitae mauris");

INSERT INTO PAST\_PREGNANCY (P\_PatientID,DELIVERY\_Date,Delivery\_Info) VALUES (1019,"20-01-23","lacus. Cras interdum. Nunc sollicitudin");

INSERT INTO PAST\_PREGNANCY (P\_PatientID,DELIVERY\_Date,Delivery\_Info) VALUES (1020,"19-05-21","dapibus gravida. Aliquam tincidunt, nunc ac mattis ornare, lectus ante dictum mi,");

INSERT INTO PAST\_PREGNANCY (P\_PatientID,DELIVERY\_Date,Delivery\_Info) VALUES (1001,"19-03-09","Nunc sollicitudin Aliquam tincidunt, nunc ac mattis ornare");

INSERT INTO PAST\_PREGNANCY (P\_PatientID,DELIVERY\_Date,Delivery\_Info) VALUES (1010,"18-04-02","nisi nibh lacinia orci, consectetuer euismod est arcuest. Nunc ullamcorper, velit in aliquet lobortis");

INSERT INTO PAST\_PREGNANCY (P\_PatientID,DELIVERY\_Date,Delivery\_Info) VALUES (1020,"17-07-25","nunc ac mattis ornare, lectus ante dictum mi,dapibus gravida. Aliquam tincidunt, ");

INSERT INTO PAST\_PREGNANCY (P\_PatientID,DELIVERY\_Date,Delivery\_Info) VALUES (1004,"20-04-16","accumsan interdumposuere, enim nisl elementum purus");

# This updates appointment data to remove summary on those with dates > today.#

# This is just to fix data generated for assignment#.

# Safe Mode must be disabled and then reconnect to DBMS in order to run below Update and Delete queries#

UPDATE appointment SET Summary = ' ' WHERE Appt\_Date > now();

# Cleans up Data for assignment purpose by removing the prescription data that has assigned meds to future appointments.#

DELETE FROM prescription WHERE ApptID = ANY(SELECT ApptID FROM appointment WHERE Appt\_Date > now());

QUERIES:

**# Currently pregnant list patient Id and due date**

**SELECT \* FROM current\_pregnancy;**

**# This will list first/last name along with due date by joining**

**SELECT concat(First\_Name,' ',Last\_Name) AS 'NAME', Due\_Date**

**FROM PATIENT P, CURRENT\_PREGNANCY C WHERE**

**P.PatientID = C.C\_PatientID;**

**# Delivered - Past Pregnancies list Patient ID, Delivery\_Date and a Summary**

**SELECT \* FROM past\_pregnancy;**

**# This will list by name and delivery dates**.

**SELECT concat(First\_Name,' ',Last\_Name) AS 'NAME', Delivery\_Date**

**FROM PATIENT P, PAST\_PREGNANCY H WHERE**

**P.PatientID = H.P\_PatientID;**

**# All Patients**

SELECT \* FROM patient;

**# OR This gives list of every patient incident**

**SELECT \* FROM PATIENT P, current\_pregnancy C, past\_pregnancy H**

**WHERE P.PatientID = C.C\_PatientID**

**AND P.PatientID = H.P\_PatientID;**

**# Search a patient by name to view if they are currently pregnant or not.**

**# Example for patient Sharon Hooper**

select concat(First\_Name,' ',Last\_Name) as 'Fullname'

from patient join current\_pregnancy on current\_pregnancy.C\_PatientID=patient.PatientID

where (concat(First\_Name,' ',Last\_Name) like '%Sharon%Hooper%'

or concat(Last\_Name,' ',First\_Name) like '%Hooper%Sharon%');

#If they appear then they are current pregnancy patients

**#This also works...**

**SELECT concat(First\_Name, ' ', Last\_Name) AS 'Name', Due\_Date**

**FROM PATIENT P LEFT JOIN CURRENT\_PREGNANCY C**

**ON P.PatientID = C.C\_PatientID**

**WHERE concat(First\_Name, ' ',Last\_Name) = 'Emma Carson';**

**# Search by doctor name or patient name to see upcoming appointments.**

**# You will need two queries for this.**

# **Patient Name**: Example Robin Forbes

select concat(First\_Name,' ',Last\_Name) as 'Fullname', appointment.appt\_date, appointment.appt\_time

from patient join appointment on appointment.PatientID=patient.PatientID

where appt\_date>now()

and concat(First\_Name,' ',Last\_Name) like '%Robin%Forbes%';

**# Same as above using aliasing**

**SELECT concat(First\_Name,' ',Last\_Name) AS 'Fullname', A.Appt\_Date, A.Appt\_Time**

**FROM PATIENT P JOIN APPOINTMENT A ON P.PatientID = A.PatientID**

**WHERE Appt\_Date > now()**

**AND concat(First\_Name,' ',Last\_Name) like '%Robin%Forbes%';**

# **Doctor’s Name:** Upcoming appointments for doctor Ria

select concat(F\_Name,' ',L\_Name) as 'Fullname', appointment.appt\_date, appointment.appt\_time

from doctor join appointment on doctor.DoctorID=appointment.DoctorID

where appt\_date>now()

and concat(F\_Name,' ',L\_Name) like '%Ria%Holcomb%';

**# Same as above but uses aliasing and adds patients name to appointment**

**SELECT concat(F\_Name,' ',L\_Name) AS 'Doctor', concat(First\_Name,' ',Last\_Name)**

**AS 'Patient', A.Appt\_Date, A.Appt\_Time**

**FROM DOCTOR D, PATIENT P, APPOINTMENT A**

**WHERE D.DoctorID = A.DoctorID**

**AND P.PatientID = A.PatientID**

**AND Appt\_Date > now()**

**AND concat(F\_Name,' ',L\_Name) like '%Ria%Holcomb%**';

**# Display a complete record of the patient including the pregnancy/ies with**

**# their info, assigned doctor, medications and all appointments.**

**SELECT concat(First\_Name,' ',Last\_Name) AS 'Patient', Due\_Date, Appt\_Date, Appt\_Time, Med\_Name,**

**L\_Name AS 'Doctor', Summary AS 'Appt Summary', Delivery\_Date AS 'Prior Delivery', Delivery\_Info**

**FROM APPOINTMENT A LEFT JOIN patient P ON A.PatientID = P.PatientID**

**LEFT JOIN CURRENT\_PREGNANCY C ON A.PatientID = C.C\_PatientID**

**LEFT JOIN PAST\_PREGNANCY H ON A.PatientID = H.P\_PatientID**

**LEFT JOIN DOCTOR D ON A.DoctorID = D.DoctorID**

**LEFT JOIN PRESCRIPTION S ON A.ApptID = S.ApptID**

**LEFT JOIN medication M ON M.MedID = S.MedID**

**ORDER BY P.PatientID, A.Appt\_Date DESC;**

**# Display list of patients assigned to each doctor**

**SELECT L\_Name AS 'Doctor', concat(First\_Name,' ', Last\_Name) AS 'Patient'**

**FROM doctor D, patient P, appointment A**

**WHERE D.DoctorID = A.DoctorID**

**AND P.PatientID = A.PatientID;**

**# Display pre-delivery appointments by searching a patient’s name and birthdate.**

**# This gives us a list to pick from current pregnancies...**

**SELECT concat(First\_Name,' ',Last\_Name) AS 'Patient', Due\_Date**

**FROM PATIENT P, CURRENT\_PREGNANCY C WHERE**

**P.PatientID = C.C\_PatientID;**

**# This displays appts by name before delivery : 'Emma Carson' '2021-05-28'**

**SELECT concat(First\_Name,' ',Last\_Name) AS 'Patient', A.Appt\_Date, A.Appt\_Time, Due\_Date**

**FROM PATIENT P JOIN APPOINTMENT A ON P.PatientID = A.PatientID**

**JOIN CURRENT\_PREGNANCY C ON P.PatientID = C.C\_PatientID**

**WHERE concat(First\_Name, ' ',Last\_Name) = 'Emma Carson'**

**AND A.Appt\_Date < C.Due\_Date**

**AND C.Due\_Date = '2021-05-28';**

**# Display post-delivery appointments by searching a patient’s name and birthdate.**

**# This gives us a list to pick from past deliveries...**

**SELECT concat(First\_Name,' ',Last\_Name) AS 'Patient', Delivery\_Date**

**FROM PATIENT P, PAST\_PREGNANCY H WHERE**

**P.PatientID = H.P\_PatientID;**

**# This displays appts by name after delivery : 'Rosalyn Hopkins' '2017-09-20'**

**SELECT concat(First\_Name,' ',Last\_Name) AS 'Patient', A.Appt\_Date, A.Appt\_Time, Delivery\_Date**

**FROM PATIENT P JOIN APPOINTMENT A ON P.PatientID = A.PatientID**

**JOIN PAST\_PREGNANCY H ON P.PatientID = H.P\_PatientID**

**WHERE concat(First\_Name, ' ',Last\_Name) = 'Rosalyn Hopkins'**

**AND A.Appt\_Date > H.Delivery\_Date**

**AND H.Delivery\_Date = '2017-09-20';**

**# Display the medications prescribed to each patient, the date prescribed and the doctor**

**# who wrote the prescription. The search will be based on the patient’s name and birthdate.**

**SELECT concat(First\_Name,' ',Last\_Name) AS 'Patient', Med\_Name, Appt\_Date AS 'Date', L\_Name AS 'Doctor'**

**FROM APPOINTMENT A JOIN patient P ON A.PatientID = P.PatientID**

**JOIN current\_pregnancy C on A.PatientID = C.C\_PatientID**

**JOIN past\_pregnancy H ON A.PatientID = H.P\_PatientID**

**JOIN doctor D ON A.DoctorID = D.DoctorID**

**JOIN prescription S ON A.ApptID = S.ApptID**

**JOIN medication M ON M.MedID = S.MedID**

**WHERE concat(First\_Name, ' ',Last\_Name) = 'Danielle Wallace'**

**AND H.Delivery\_Date = '2019-05-21';**