CREATE TABLE health\_data (

name VARCHAR(255),

date\_of\_birth VARCHAR(100),

address VARCHAR(255),

contact\_no VARCHAR(20),

Insurance\_provider VARCHAR(255),

Insurance\_num VARCHAR(255),

email VARCHAR(255) PRIMARY KEY,

pass VARCHAR(255),

gender VARCHAR(10),

MRN VARCHAR(10)

);

CREATE TABLE username\_password (

email VARCHAR(255) PRIMARY KEY,

pass VARCHAR(255)

);

CREATE TABLE bookings (

MRN VARCHAR(10),

appoint\_date VARCHAR(255),

appoint\_time VARCHAR(255),

provider VARCHAR(255),

PRIMARY KEY (appoint\_date, appoint\_time,provider)

);

SELECT \* from health\_data;

SELECT \* FROM username\_password;

SELECT \* FROM bookings;

DELETE FROM health\_data;

DELETE FROM username\_password;

DELETE FROM bookings;

DROP TABLE health\_data;

DROP TABLE username\_password;

DROP TABLE bookings;

SELECT \* FROM username\_password WHERE email = "sahil@gmail.com" AND pass = "09";

UPDATE username\_password SET pass = 'password123' WHERE email = 'sahil@gmail.com';

SELECT pass from username\_password WHERE email = "sahil@gmail.com";

UPDATE health\_data SET pass = "ookla" WHERE email = "sahil@gmail.com";

UPDATE username\_password SET pass = "ookla" WHERE email = "sahil@gmail.com";

INSERT INTO bookings (MRN, appoint\_date, appoint\_time,provider)

VALUES ("8720","26 july 2023","18:00","Dr Gehlot");

SELECT \* FROM bookings WHERE appoint\_date = "14 july 2023" AND MRN = "7138";

CREATE TABLE DEP\_DOC (

HealthDepartment VARCHAR(255) PRIMARY KEY,

Number\_of\_Doctors INT

);

# 1 prompts - how many doctors are there in cardiology?

SELECT \* FROM DEP\_DOC;

CREATE TABLE Diagnosis\_ethnic (

Diagnosis VARCHAR(50),

Ethnicity VARCHAR(50),

Discharges INT

);

# 2 prompts - how many discharges are there for hypertension?

# 3 prompts - Count of discharges where ethnicity is Asian?

SELECT \* FROM Diagnosis\_ethnic;

CREATE TABLE EncounterData (

year\_label INT,

month\_label VARCHAR(3),

no\_of\_Encounter INT

);

# 4 prompts - Count of encounters for the year 2020?

SELECT \* FROM EncounterData;

CREATE TABLE Diagnosis\_data(

Diagnosis VARCHAR(50),

Male INT,

Female INT,

Smoking\_status\_Male INT,

Smoking\_status\_Female INT,

BMI INT,

Weight INT

);

SELECT \* FROM Diagnosis\_data;

# 5 prompts - average bmi of patients diagnosed with Hepatitis?

CREATE TABLE Count\_patients (

Total\_no\_of\_Patients INT,

No\_of\_Inpatients INT,

No\_of\_Outpatients INT,

Year\_label INT,

Month\_label VARCHAR(3),

Encounter INT

);

SELECT \* FROM Count\_patients;

# 6 prompts - Number of inpatients for the year 2020?

CREATE TABLE financial

(

Date\_label VARCHAR(512),

Segment VARCHAR(512),

Hospitals VARCHAR(512),

Discount\_Band VARCHAR(512),

Units\_Sold VARCHAR(512),

Manufacturing\_Price VARCHAR(512),

Sale\_Price VARCHAR(512),

Discounts VARCHAR(512),

Profit VARCHAR(512)

);

SELECT \* FROM financial;

SELECT SUM(Units\_Sold) AS TotalSales

FROM financial

WHERE Segment = 'Orthopedics';