create database hospital\_db;

use hospital\_db;

CREATE TABLE staff (

staff\_id INT AUTO\_INCREMENT PRIMARY KEY,

username VARCHAR(50) UNIQUE NOT NULL,

password VARCHAR(100) NOT NULL,

role ENUM('Admin', 'Staff') NOT NULL

);

select \* from staff;

CREATE TABLE patients (

patient\_id INT AUTO\_INCREMENT PRIMARY KEY,

name VARCHAR(100) NOT NULL,

age INT,

gender ENUM('Male', 'Female', 'Other'),

phone VARCHAR(15),

address VARCHAR(255)

);

show tables;

CREATE TABLE doctors (

doctor\_id INT AUTO\_INCREMENT PRIMARY KEY,

name VARCHAR(100),

specialization VARCHAR(100),

phone VARCHAR(15)

);

CREATE TABLE appointments (

appointment\_id INT AUTO\_INCREMENT PRIMARY KEY,

patient\_id INT,

doctor\_id INT,

appointment\_date DATE,

reason VARCHAR(255),

FOREIGN KEY (patient\_id) REFERENCES patients(patient\_id),

FOREIGN KEY (doctor\_id) REFERENCES doctors(doctor\_id)

);

CREATE TABLE billing (

billing\_id INT AUTO\_INCREMENT PRIMARY KEY,

patient\_id INT,

appointment\_id INT,

total\_amount DECIMAL(10,2),

discharge\_date DATE,

summary TEXT,

FOREIGN KEY (patient\_id) REFERENCES patients(patient\_id),

FOREIGN KEY (appointment\_id) REFERENCES appointments(appointment\_id)

);

show tables;

select \* from appointments;