

--Create the Database

Create database hospital;

Use hospital;

-- Create the Patient table

```
CREATE TABLE patient (  
    patientId INT PRIMARY KEY,  
    firstName VARCHAR(50),  
    lastName VARCHAR(50),  
    dateOfBirth DATE,  
    gender CHAR(1),  
    contactNumber VARCHAR(15),  
    address VARCHAR(255)  
);
```

-- Insert two sample records into the Patient table

```
INSERT INTO patient (patientId, firstName, lastName, dateOfBirth, gender, contactNumber, address)  
VALUES  
    (1, 'John', 'Doe', '1990-01-15', 'M', '1234567890', '123 Main St'),  
    (2, 'Jane', 'Smith', '1985-05-20', 'F', '9876543210', '456 Oak Ave');
```

-- Create the Doctor table

```
CREATE TABLE doctor (  
    doctorId INT PRIMARY KEY,  
    firstName VARCHAR(50),  
    lastName VARCHAR(50),  
    specialization VARCHAR(100),  
    contactNumber VARCHAR(15)  
);
```

-- Insert two sample records into the Doctor table

```
INSERT INTO doctor (doctorId, firstName, lastName, specialization, contactNumber)
```

VALUES

```
(1, 'Dr. David', 'Johnson', 'Cardiologist', '1112223333'),  
(2, 'Dr. Sarah', 'Williams', 'Pediatrician', '4445556666');
```

-- Create the Appointment table

```
CREATE TABLE appointment (  
    appointmentId INT PRIMARY KEY,  
    patientId INT,  
    doctorId INT,  
    appointmentDate DATE,  
    description VARCHAR(255),  
    FOREIGN KEY (patientId) REFERENCES patient(patientId),  
    FOREIGN KEY (doctorId) REFERENCES doctor(doctorId)  
);
```

-- Insert two sample records into the Appointment table

```
INSERT INTO appointment (appointmentId, patientId, doctorId, appointmentDate, description)
```

VALUES

```
(1, 1, 1, '2023-01-01', 'Initial Appointment'),  
(2, 2, 2, '2023-02-15', 'Follow-up Appointment');
```