1. Retrieve the first name, last name, and specialization of all doctors.

        SELECT first_name, last_name, specialization **FROM** Doctors;

2. Insert a new patient into the Patients table with the following details:

- First Name: Emily
- Last Name: Johnson
- Date of Birth: 1990-08-15
- Gender: F
- Phone Number: 555-123-4567
- Email: emily.johnson@example.com
- Address: 123 Greenway Blvd, New York, NY
- Emergency Contact: Michael Johnson

INSERT INTO Patients (first_name, last_name, date_of_birth, gender, phone_number, email, address, emergency_contact)
VALUES ('Emily', 'Johnson', '1990-08-15', 'F', '555-123-4567', 'emily.johnson@example.com', '123 Greenway Blvd, New York, NY', 'Michael Johnson');

3. Update the phone number of patient Jeremy Krause (email: agross@gmail.com) to "999-888-7777".

        UPDATE Patients **SET** phone_number = '999-888-7777' **WHERE** email = 'agross@gmail.com';

4. Delete the patient with the email "alistephen@yahoo.com" from the Patients table.

        DELETE FROM Patients **WHERE** email = 'alistephen@yahoo.com';

5. Retrieve all appointments with patient_id, doctor_id, appointment_date, and status, but only for scheduled or completed appointments.

        SELECT patient_id, doctor_id, appointment_date, status **FROM** Appointments **WHERE** status **IN** ('Scheduled', 'Completed');

6. Find all distinct medication names prescribed to patients.

        SELECT DISTINCT medication_name **FROM** Medication;

7. Insert a new appointment for patient_id = 3 with doctor_id = 1 on "2025-02-10 15:30" for a "Routine Checkup", with status "Scheduled".

        INSERT INTO Appointments (patient_id, doctor_id, appointment_date, reason, status) **VALUES** (3, 1, '2025-02-10 15:30', 'Routine Checkup', 'Scheduled');

8. Retrieve all female patients and their emergency contact names.

        SELECT first_name, last_name, emergency_contact **FROM** Patients **WHERE** gender = 'F';