CREATE TABLE doctors (

id INT PRIMARY KEY NOT NULL,

speciality TEXT,

taking\_patients BOOLEAN

);

CREATE TABLE patients (

id INT NOT NULL,

doctor\_id INT NOT NULL,

health\_status TEXT,

PRIMARY KEY (id, doctor\_id),

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

);

INSERT INTO doctors(id, speciality, taking\_patients)

VALUES

(1, 'cardiology', TRUE),

(2, 'orthopedics', FALSE),

(3, 'pediatrics', TRUE);

INSERT INTO patients (id, doctor\_id, health\_status)

VALUES

(1, 2, 'healthy'),

(2, 3, 'sick'),

(3, 2, 'sick'),

(4, 1, 'healthy'),

(5, 1, 'sick');

-- Read tables

SELECT \* FROM doctors;

SELECT \* FROM patients;

-- Update rows

UPDATE doctors

SET taking\_patients = FALSE

WHERE id = 1;

UPDATE patients

SET health\_status = 'healthy'

WHERE id = 1;

-- Delete row

DELETE FROM patients

WHERE id = 1;