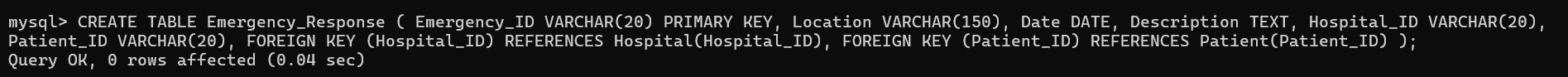
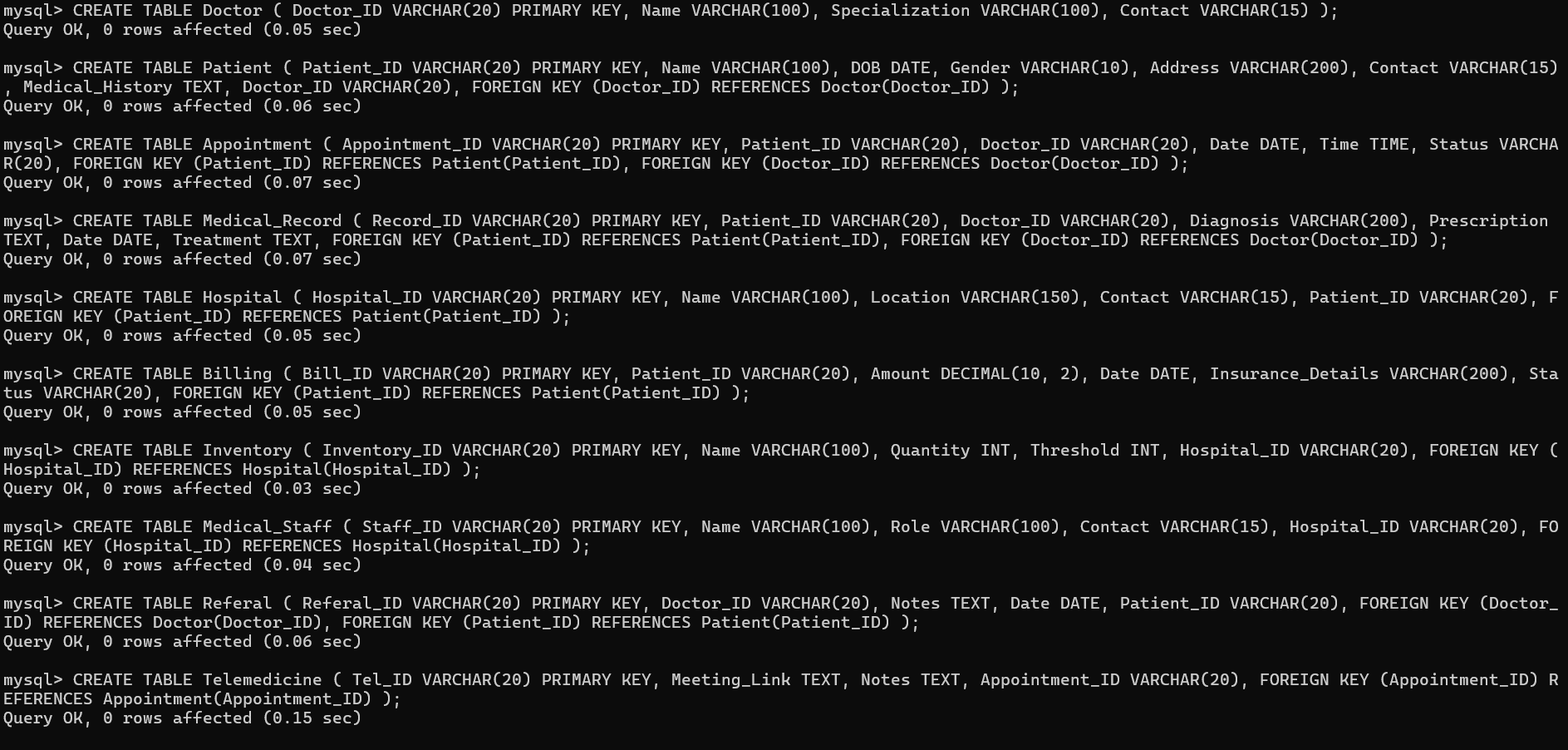
# SQL COMMANDS

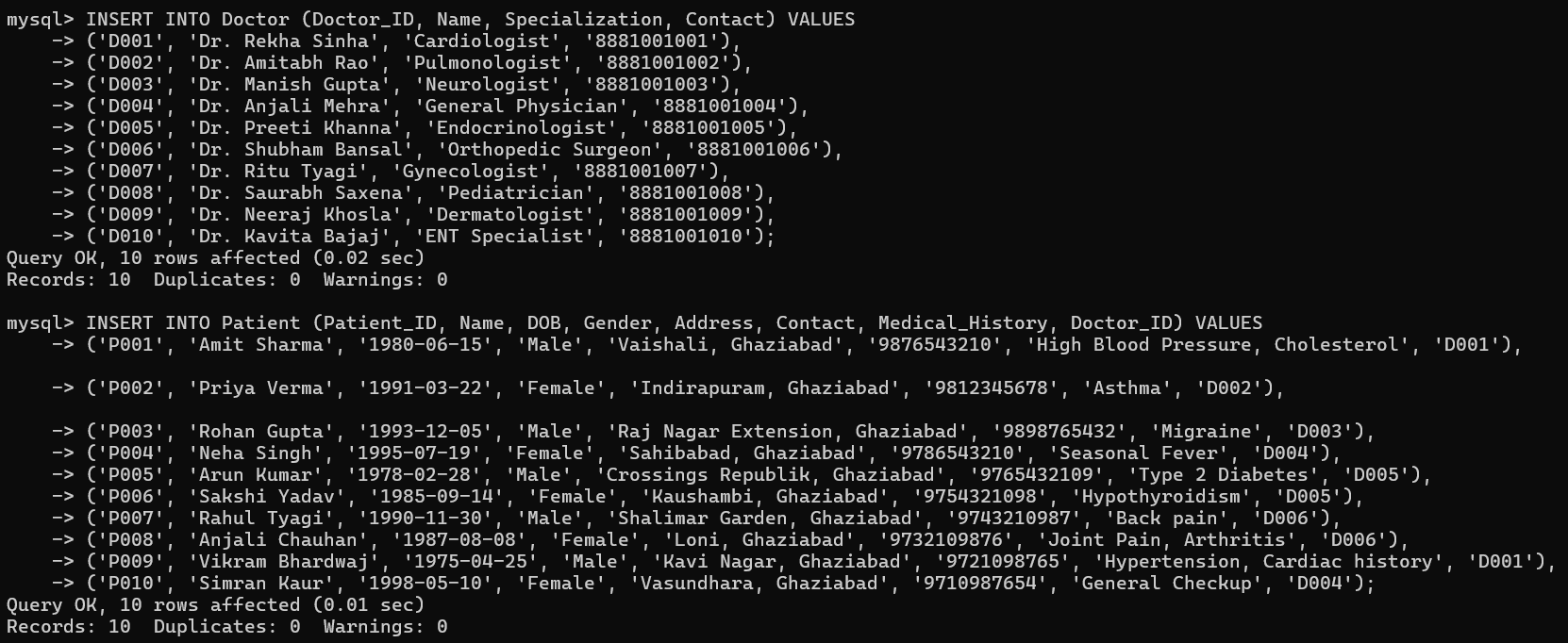
1. Database: hospital\_management

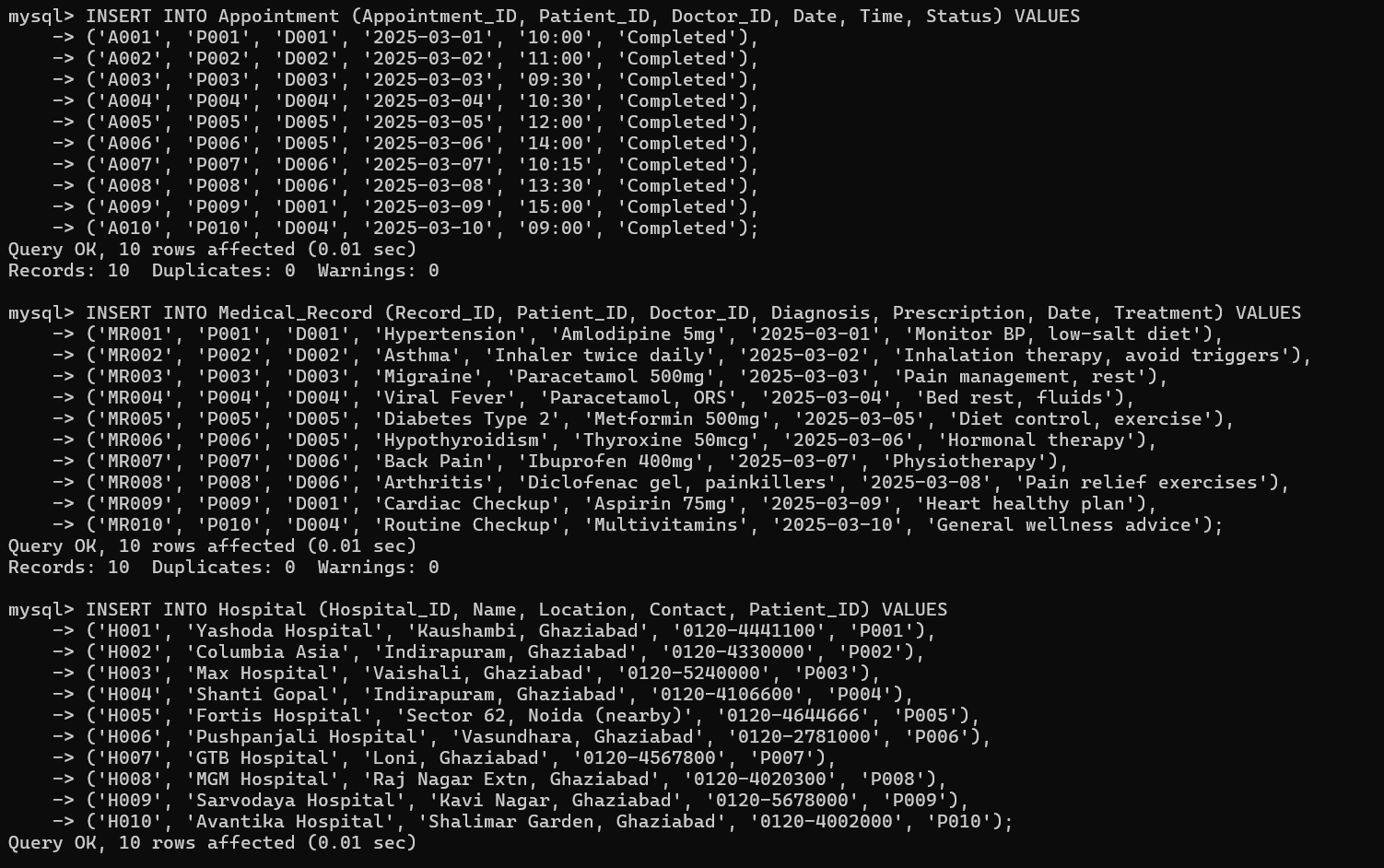


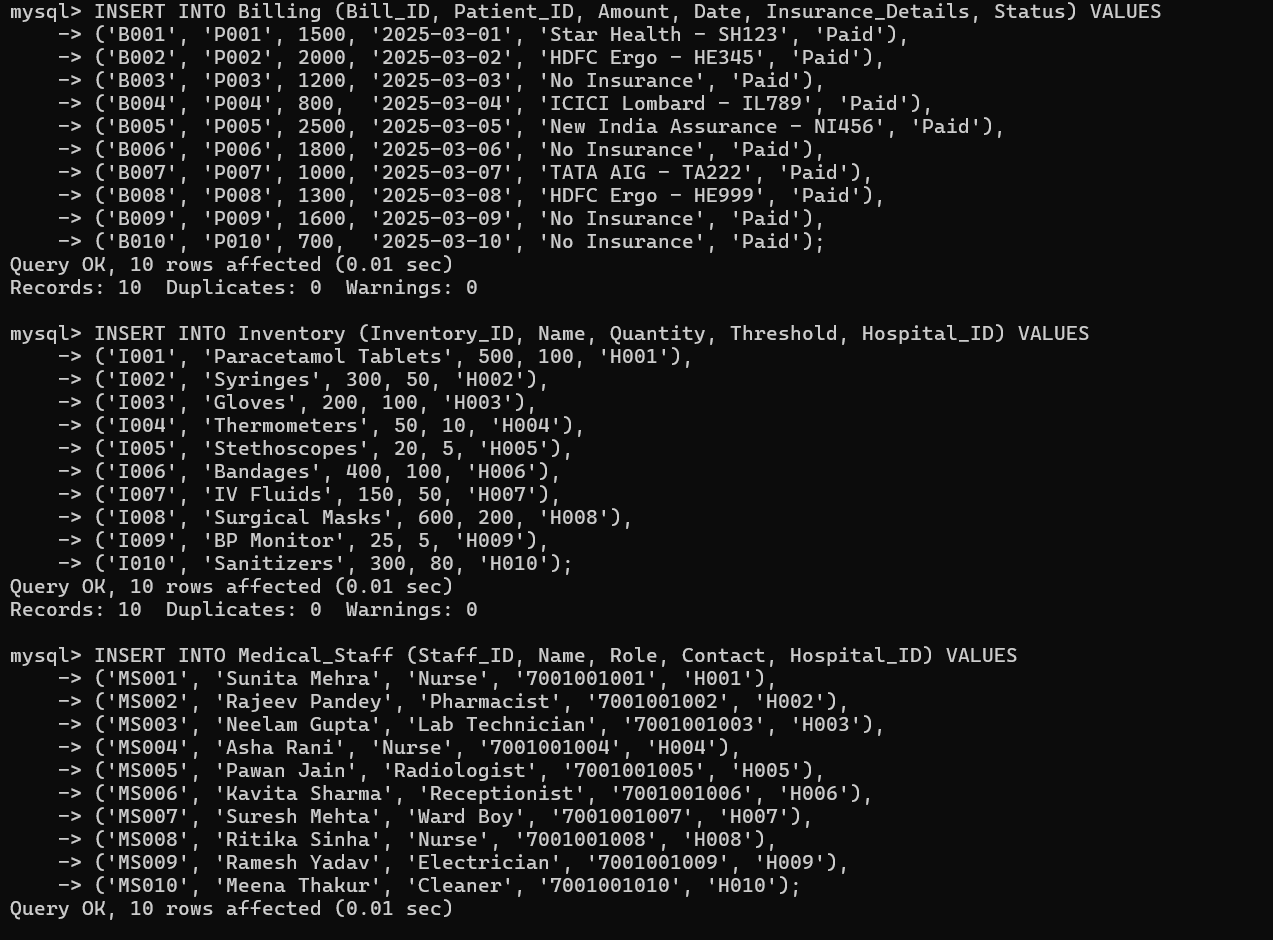
1. CREATE COMMANDS FOR EACH TABLE:

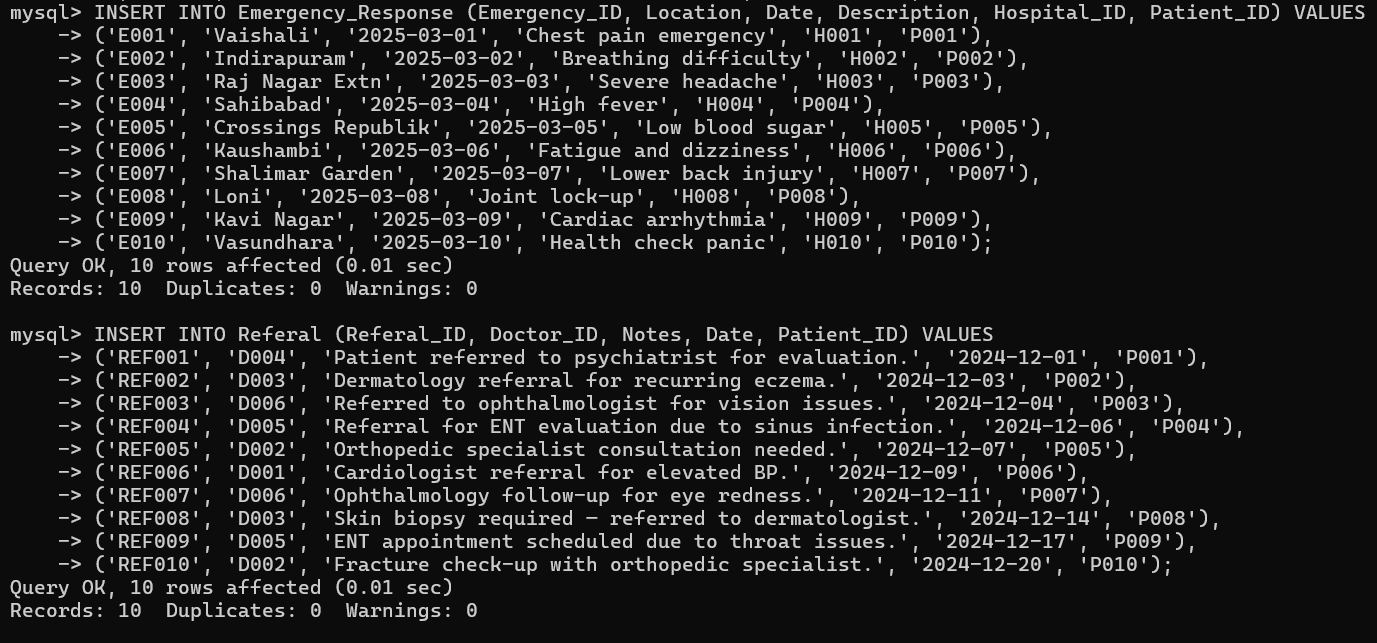


1. INSERT COMMANDS FOR EACH TABLE:









1. Table wise commands:

## Patient

SELECT \* FROM Patient;

INSERT INTO Patient (Patient\_ID, Name, DOB, Gender, Address, Contact, Medical\_History, Doctor\_ID)

VALUES ('P011', 'Ritika Sharma', '1992-04-20', 'Female', 'Raj Nagar, Ghaziabad', '9876500001', 'Asthma', 'D001');

UPDATE Patient SET Contact = '9876509999' WHERE Patient\_ID = 'P011';

DELETE FROM Patient WHERE Patient\_ID = 'P011';

ALTER TABLE Patient ADD Email VARCHAR(100);

## Doctor

SELECT \* FROM Doctor;

INSERT INTO Doctor (Doctor\_ID, Name, Specialization, Contact)

VALUES ('D007', 'Dr. Aarti Mehra', 'Pulmonologist', '9876543222');

UPDATE Doctor SET Contact = '9876501212' WHERE Doctor\_ID = 'D007';

DELETE FROM Doctor WHERE Doctor\_ID = 'D007';

ALTER TABLE Doctor ADD Email VARCHAR(100);

## Appointment

SELECT \* FROM Appointment;

INSERT INTO Appointment (Appointment\_ID, Patient\_ID, Doctor\_ID, Date, Time, Status)

VALUES ('A011', 'P001', 'D003', '2025-04-10', '14:00:00', 'Scheduled');

UPDATE Appointment SET Status = 'Completed' WHERE Appointment\_ID = 'A011';

DELETE FROM Appointment WHERE Appointment\_ID = 'A011';

ALTER TABLE Appointment ADD Mode VARCHAR(50); -- e.g., In-person or Virtual

## Medical record

SELECT \* FROM Medical\_Record;

INSERT INTO Medical\_Record (Record\_ID, Patient\_ID, Doctor\_ID, Diagnosis, Prescription, Date, Treatment)

VALUES ('MR011', 'P004', 'D005', 'Migraine', 'Paracetamol 650mg', '2025-03-18', 'Rest and hydration');

UPDATE Medical\_Record SET Treatment = 'Medication and lifestyle changes' WHERE Record\_ID = 'MR011';

DELETE FROM Medical\_Record WHERE Record\_ID = 'MR011';

ALTER TABLE Medical\_Record ADD Follow\_Up\_Date DATE;

## Hospital

SELECT \* FROM Hospital;

INSERT INTO Hospital (Hospital\_ID, Name, Location, Contact, Patient\_ID)

VALUES ('H011', 'Shanti Multi-Specialty', 'Vasundhara, Ghaziabad', '01206543210', 'P006');

UPDATE Hospital SET Contact = '01204567891' WHERE Hospital\_ID = 'H011';

DELETE FROM Hospital WHERE Hospital\_ID = 'H011';

ALTER TABLE Hospital ADD Email VARCHAR(100);

## Billing

SELECT \* FROM Billing;

INSERT INTO Billing (Bill\_ID, Patient\_ID, Amount, Date, Insurance\_Details, Status)

VALUES ('B011', 'P010', 5200.00, '2025-04-01', 'ICICI Lombard', 'Pending');

UPDATE Billing SET Status = 'Paid' WHERE Bill\_ID = 'B011';

DELETE FROM Billing WHERE Bill\_ID = 'B011';

ALTER TABLE Billing ADD Payment\_Mode VARCHAR(50); -- e.g., Cash, UPI, Insurance

## Inventory

SELECT \* FROM Inventory;

INSERT INTO Inventory (Inventory\_ID, Name, Quantity, Threshold, Hospital\_ID)

VALUES ('I011', 'Gloves (Latex-Free)', 1000, 200, 'H002');

UPDATE Inventory SET Quantity = Quantity - 100 WHERE Inventory\_ID = 'I011';

DELETE FROM Inventory WHERE Inventory\_ID = 'I011';

ALTER TABLE Inventory ADD Supplier\_Name VARCHAR(100);

## Medical staff

SELECT \* FROM Medical\_Staff;

INSERT INTO Medical\_Staff (Staff\_ID, Name, Role, Contact, Hospital\_ID)

VALUES ('S011', 'Ajay Rana', 'Technician', '9876543900', 'H001');

UPDATE Medical\_Staff SET Role = 'Senior Technician' WHERE Staff\_ID = 'S011';

DELETE FROM Medical\_Staff WHERE Staff\_ID = 'S011';

ALTER TABLE Medical\_Staff ADD Shift VARCHAR(50); -- Morning/Evening/Night

## Referal

SELECT \* FROM Referal;

INSERT INTO Referal (Referal\_ID, Doctor\_ID, Notes, Date, Patient\_ID)

VALUES ('REF011', 'D006', 'Eye check-up for recurring headaches', '2025-04-07', 'P002');

UPDATE Referal SET Notes = 'Urgent eye check-up for blurry vision' WHERE Referal\_ID = 'REF011';

DELETE FROM Referal WHERE Referal\_ID = 'REF011';

ALTER TABLE Referal ADD Referral\_Type VARCHAR(50); -- Internal/External

## Telemedicine

SELECT \* FROM Telemedicine;

INSERT INTO Telemedicine (Tel\_ID, Meeting\_Link, Notes, Appointment\_ID)

VALUES ('TEL011', 'https://meetdoc.in/session123', 'Discuss lab results', 'A004');

UPDATE Telemedicine SET Notes = 'Lab results explained, follow-up in 1 week' WHERE Tel\_ID = 'TEL011';

DELETE FROM Telemedicine WHERE Tel\_ID = 'TEL011';

ALTER TABLE Telemedicine ADD Duration\_Mins INT;

## Emergency response

SELECT \* FROM Emergency\_Response;

INSERT INTO Emergency\_Response (Emergency\_ID, Location, Date, Description, Hospital\_ID, Patient\_ID)

VALUES ('EM011', 'Anand Vihar border', '2025-04-02', 'Accidental injury while commuting', 'H003', 'P003');

UPDATE Emergency\_Response SET Description = 'Moderate head trauma due to road accident' WHERE Emergency\_ID = 'EM011';

DELETE FROM Emergency\_Response WHERE Emergency\_ID = 'EM011';

ALTER TABLE Emergency\_Response ADD Response\_Time\_Min INT;