create database hosp;

use hosp;

CREATE TABLE Patient (

patientId INT PRIMARY KEY AUTO\_INCREMENT,

firstName VARCHAR(50) NOT NULL,

lastName VARCHAR(50) NOT NULL,

dateOfBirth DATE NOT NULL,

gender ENUM('Male', 'Female', 'Other') NOT NULL,

contactNumber VARCHAR(15) NOT NULL

);

ALTER TABLE Patient

ADD COLUMN address VARCHAR(255) NOT NULL;

CREATE TABLE Doctor (

doctorId INT PRIMARY KEY AUTO\_INCREMENT,

firstName VARCHAR(50) NOT NULL,

lastName VARCHAR(50) NOT NULL,

specialization VARCHAR(100) NOT NULL,

contactNumber VARCHAR(15) NOT NULL

);

CREATE TABLE Appointment (

appointmentId INT PRIMARY KEY AUTO\_INCREMENT,

patientId INT NOT NULL,

doctorId INT NOT NULL,

appointmentDate DATETIME NOT NULL,

description TEXT,

FOREIGN KEY (patientId) REFERENCES Patient(patientId),

FOREIGN KEY (doctorId) REFERENCES Doctor(doctorId)

);

show tables;

select \*from patient;

drop table appointment;

select \*from appointment;

CREATE TABLE Appointment (

appointmentId INT PRIMARY KEY AUTO\_INCREMENT,

patientId INT NOT NULL,

doctorId INT NOT NULL,

appointmentDate DATE NOT NULL,

description TEXT,

FOREIGN KEY (patientId) REFERENCES Patient(patientId),

FOREIGN KEY (doctorId) REFERENCES Doctor(doctorId)

);

INSERT INTO Patient (firstName, lastName, dateOfBirth, gender, contactNumber, address) VALUES

('Arjun', 'Ravi', '1995-04-12', 'Male', '9876543210', '123 MG Road, Chennai'),

('Priya', 'Menon', '1992-08-30', 'Female', '9898989898', '45 Park Street, Mumbai'),

('Karan', 'Singh', '1988-11-25', 'Male', '9123456780', '12 Sector 3, Delhi'),

('Meera', 'Das', '2000-06-15', 'Female', '9000011111', '78 Rose Ave, Bangalore'),

('Anil', 'George', '1999-02-10', 'Male', '9888777666', '5 Hilltop Lane, Kochi');

INSERT INTO Doctor (firstName, lastName, specialization, contactNumber) VALUES

('Dr. Ramesh', 'Kumar', 'Cardiologist', '9988776655'),

('Dr. Anita', 'Verma', 'Dermatologist', '9876501234'),

('Dr. Sanjay', 'Patel', 'Pediatrician', '9000090000'),

('Dr. Sneha', 'Rao', 'Neurologist', '9443322110'),

('Dr. Vikram', 'Joshi', 'Orthopedic Surgeon', '9555566666');

INSERT INTO Appointment (patientId, doctorId, appointmentDate, description) VALUES

(1, 1, '2025-04-20', 'Routine heart checkup'),

(2, 2, '2025-04-21', 'Skin allergy consultation'),

(3, 3, '2025-04-22', 'Child vaccination follow-up'),

(4, 4, '2025-04-23', 'Migraine issues'),

(5, 5, '2025-04-24', 'Knee pain assessment');

select \*from appointment;

select \*from patient;

select \*from doctor;