CREATE DATABASE clinicavidaplena;

use clinicavidaplena;

CREATE TABLE `clinicavidaplena`.`pacientes` (

  `id\_paciente` INT NOT NULL AUTO\_INCREMENT,

  `nome` VARCHAR(100) NOT NULL,

  `cpf` VARCHAR(11) NOT NULL UNIQUE,

  `data\_nascimento` DATE NOT NULL,

  `telefone` VARCHAR(15) NOT NULL,

  PRIMARY KEY (`id\_paciente`));

  CREATE TABLE `clinicavidaplena`.`medicos` (

  `id\_Medico` INT NOT NULL AUTO\_INCREMENT,

  `nome` VARCHAR(100) NOT NULL,

  `especialidade` ENUM('Clinico Geral', 'Pediatra', 'Cardiologia') NULL,

  `crm` VARCHAR(20) NULL UNIQUE,

  PRIMARY KEY (`id\_Medico`));

CREATE TABLE `clinicavidaplena`.`consultas` (

  `id\_Consultas` INT NOT NULL AUTO\_INCREMENT,

  `id\_Paciente` INT NOT NULL,

  `id\_Medico` INT NOT NULL,

  `data\_consulta` DATETIME NOT NULL,

  `valor` DECIMAL(8,2) NOT NULL,

  PRIMARY KEY (`id\_Consultas`),

  INDEX `id\_Paciente\_idx` (`id\_Paciente` ASC),

  INDEX `fk\_medico\_idx` (`id\_Medico` ASC),

  CONSTRAINT `fk\_Paciente`

    FOREIGN KEY (`id\_Paciente`)

    REFERENCES `clinicavidaplena`.`pacientes` (`id\_paciente`)

    ON DELETE NO ACTION

    ON UPDATE NO ACTION,

  CONSTRAINT `fk\_medico`

    FOREIGN KEY (`id\_Medico`)

    REFERENCES `clinicavidaplena`.`medicos` (`id\_Medico`)

    ON DELETE NO ACTION

    ON UPDATE NO ACTION);

INSERT INTO PACIENTES(nome, cpf, data\_nascimento, telefone)

VALUES('Joao da Silva', '12345678901', '2000-01-01', '61912344567'),

('Pedro Oliveira', '12345678902', '2000-01-02', '61912344568'),

('Julia Nascimento', '12345678903', '2000-01-03', '61912344569');

INSERT INTO medicos (nome, especialidade, crm)

VALUES('Antonio Junior', 'Cardiologia', '123456'),

('Karol Barbosa', 'Pediatra', '123457');

INSERT INTO consultas (id\_paciente, id\_medico, data\_consulta, valor)

VALUES

(1, 1, '2025-08-26 09:30', 800.00),

(2, 2, '2025-08-26 10:30', 700.00),

(3, 1, '2025-08-26 09:30', 800.00);

SELECT \*

FROM consultas

JOIN medicos ON consultas.id\_medico = medicos.id\_medico

JOIN pacientes ON consultas.id\_paciente = pacientes.id\_paciente;

SELECT \* FROM pacientes;

SELECT \* FROM medicos;

SELECT \* FROM consultas;

UPDATE pacientes

SET telefone = '6291000000'

WHERE id\_paciente = 1;

UPDATE medicos

SET nome = 'Antonio Jose H'

WHERE id\_medico = 1;

UPDATE consultas

SET data\_consulta = '2025-08-26 08:30'

where id\_consultas = 1;

DELETE FROM pacientes

WHERE id\_paciente = 3;

DELETE FROM medicos

WHERE id\_medico = 2;

DELETE FROM consultas

WHERE id\_consultas = 1;