EXERCICIOS MYSQL

CREATE DATABASE clinica

DEFAULT CHARACTER SET utf8

DEFAULT COLLATE utf8\_genral\_ci;

USE clinica;

CREATE TABLE ambulatorios (

nroa integer,

andar numeric (3) not null,

capacidade smallint,

PRIMARY KEY (nroa)

) DEFAULT CHARSET = utf8;

CREATE TABLE medicos (

codm integer,

nome varchar (40) not null,

data\_nasc date not null,

especialidade char (20),

CPF numeric (11) unique,

cidade varchar (30),

PRIMARY KEY (codm),

FOREIGN KEY (nroa) REFERENCES ambulatorios

) DEFAULT CHARSET = utf8;

CREATE TABLE pacientes (

codp integer,

nome varchar (40) not null,

data\_nasc date not null,

cidade char (30),

CPF numeric (11) unique,

PRIMARY KEY (codp)

) DEFAULT CHARSET = utf8;

CREATE TABLE funcionarios (

codf integer,

nome varchar (40) not null,

data\_nasc date,

CPF numeric (11) unique,

cidade varchar (30),

salario numeric (10),

PRIMARY KEY (codf)

) DEFAULT CHARSET = utf8;

CREATE TABLE consultas (

codm integer,

codp integer,

data date,

hora time,

PRIMARY KEY (data),

PRIMARY KEY (hora),

PRIMARY KEY (codm),

FOREIGN KEY (codm) REFERENCES medicos,

FOREIGN KEY (codp) REFERENCES pacientes

) DEFAULT CHARSET = utf8;

ALTER TABLE funcionarios

ADD COLUMN nroa integer AFTER codf;

ALTER TABLE pacientes

DROP COLUMN doença;

ALTER TABLE funcionarios

DROP COLUMN nroa;

ALTER TABLE funcionarios

DROP COLUMN cargo;

INSERT INTO ambulatórios

(nroa, andar, capacidade)

VALUES

(‘1’, ‘1’, ‘30’),

(‘2’, ‘1’, ‘50’),

(‘3’, ‘2’, ‘40’),

(‘4’, ‘2’, ‘25’),

(‘5’, ‘2’, ‘55’);

INSERT INTO médicos

(codm, nome, data\_nasc, especialidade, CPF, cidade)

VALUES

(‘1’, ‘João’, ‘40’, ‘ortopedia’, ‘10000100000’, ‘Florianopolis, ‘1’),

(‘2’, ‘Maria’, ‘41’, ‘traumatologia’, ‘20000100000’, ‘’, ‘2’),

(‘3’, ‘Pedro’, ‘51’, ‘pediatra’, ‘30000100000’, ‘’, ‘2’),

(‘4’, ‘Carlos’, ‘28’, ‘ortopedia’, ‘40000100000’, ‘’, ‘ ’),

(‘5’, ‘Marcia’, ‘33’, ‘neurologia’, ‘50000100000’, ‘’, ‘3’);

INSERT INTO pacientes

(codp, nome, data\_nasc, cidade, CPF)

VALUES

(‘1’, ‘Ana’, ‘20’, ‘Florianopolis’, ‘32000200000’, ‘gripe’),

(‘2’, ‘Paulo’, ‘24’, ‘Palhoca’, ‘82000200000’, ‘fratura’),

(‘3’, ‘Lucia’, ‘30’, ‘Biguacu’, ‘62000200000’, ‘tendinite’),

(‘4’, ‘Carlos’, ‘28’, ‘Joinville’, ‘72000200000’, ‘sarampo’);

INSERT INTO consultas

(codm, codp, data, hora)

VALUES

(1’, ‘1’ ‘2006/06/12’, ‘14:00’),

(‘1’, ‘4’, ‘2006/06/13’, ‘10:00’,

(‘2’, ‘1’, ‘2006/06/13’, ‘9:00’),

(‘2’, ‘2’, ‘2006/06/13’, ‘11:00’),

(‘2’, ‘3’, ‘2006/06/14’, ‘14:00’),

(‘2’, ‘4’, ‘2006/06/14’, ‘17:00’),

(‘3’, ‘1’, ‘2006/06/19’, ‘18:00’),

(‘3’, ‘3’, ‘2006/06/12’, ‘10:00’),

(‘3’, ‘4‘, ‘2006/06/19’, ‘13:00’),

(‘4’, ‘4‘, ‘2006/06/20’, ‘13:00’),

(‘4’, ‘4‘, ‘2006/06/22’, ‘19:30’);

INSERT INTO funcionários

(codf, nome, data\_nasc, CPF, cidade, salario)

VALUES

(‘1’, ‘Rita’, ‘32’, ‘Sao Jose’, ‘1200 20000100000’),

(‘2’, ‘Maria’, ‘55’, ‘Palhoca’, ‘1220 30000110000’),

(‘3’, ‘Caio’, ‘45’, ‘Florianopolis’, ‘1100 41000100000’),

(‘4’, ‘Carlos’, ‘44’, ‘Florianopolis’, ‘1200 51000110000’),

(‘5’, ‘Paula’, ‘33’, ‘Florianopolis’, ‘2500 61000111000’);

UPDATE pacientes

SET cidade = ‘Ilhota’

WHERE codp 2;

UPDATE consultas

SET hora = ’12:00’

SET data = ‘2006-07-04’

WHERE codp = ‘4’

WHERE codm = ‘1’;

UPDATE pacientes

SET doença = ‘cancer’

WHERE codp = ‘1’;

UPDATE consultas

SET hora = ’14:30’

WHERE codp = ‘4’

WHERE codm = ‘3’;

DELETE FROM funcionarios

WHERE codf = ‘4’;

DELETE FROM consultas

WHERE codp = ‘4’

WHERE codm = ‘4’;

DELETE FROM medicos

WHERE codm = ‘5’