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CREATE DATABASE ESCOLAexe3;

USE ESCOLAexe3;

CREATE TABLE instrutores (

id INT NOT NULL AUTO\_INCREMENT,

nome VARCHAR(50) NOT NULL,

email VARCHAR(50) NOT NULL,

valor\_hora INTEGER UNSIGNED NULL,

certificados VARCHAR(255) NULL,

PRIMARY KEY(id)

);

CREATE TABLE cursos (

id INTEGER UNSIGNED NOT NULL AUTO\_INCREMENT,

nome VARCHAR(50) NOT NULL,

requisito VARCHAR(255) NULL,

carga\_horaria SMALLINT UNSIGNED NULL,

preco DOUBLE UNSIGNED NULL,

PRIMARY KEY(id)

);

CREATE TABLE alunos (

id INT NOT NULL AUTO\_INCREMENT,

cpf CHAR(11) NOT NULL,

nome VARCHAR(50) NOT NULL,

email VARCHAR(50) NOT NULL,

fone CHAR(14) NOT NULL,

data\_nascimento DATE NULL,

PRIMARY KEY(id)

);

CREATE TABLE turmas (

id INTEGER UNSIGNED NOT NULL AUTO\_INCREMENT,

instrutores\_id INT NOT NULL,

cursos\_id INTEGER UNSIGNED NOT NULL,

data\_inicio DATE NULL,

data\_final DATE NULL,

carga\_horaria SMALLINT UNSIGNED NULL,

PRIMARY KEY(id),

INDEX turmas\_FKIndex1(cursos\_id),

INDEX turmas\_FKIndex2(instrutores\_id),

CONSTRAINT CURSO\_TURMA\_FK FOREIGN KEY(cursos\_id)

REFERENCES cursos(id),

CONSTRAINT INSTRUTOR\_TURMA\_FK FOREIGN KEY(instrutores\_id)

REFERENCES instrutores(id)

);

CREATE TABLE matriculas (

id INTEGER UNSIGNED NOT NULL AUTO\_INCREMENT,

turmas\_id INTEGER UNSIGNED NOT NULL,

alunos\_id INT NOT NULL,

data\_matricula DATE NULL,

PRIMARY KEY(id),

CONSTRAINT ALUNO\_MATRICULA\_FK FOREIGN KEY(alunos\_id)

REFERENCES alunos(id),

CONSTRAINT TURMA\_MATRICULA\_FK FOREIGN KEY(turmas\_id)

REFERENCES turmas(id)

);

-- /////////////////////// INSERTS ////////////////////////// --

insert into instrutores

set

nome = "Jose",

email = "jose@gmial.com",

valor\_hora = "20",

certificados = "certificado por deus";

insert into instrutores

set

nome = "marcos",

email = "mare@gmial.com",

valor\_hora = "20",

certificados = "EngCivil";

insert into cursos

set

nome = "connect",

requisito = "logica e vontade",

carga\_horaria = "6",

preco = "0";

insert into cursos

set

nome = "farmacia",

requisito = "vbiologia",

carga\_horaria = "9",

preco = "0";

insert into alunos

set

cpf = "000000000",

nome = "gabriel",

email ="g@gmail.com",

fone = "44998931146",

data\_nascimento = "1998-11-25";

insert into alunos

set

cpf = "23400000",

nome = "alberto",

email ="a@gmail.com",

fone = "449333346",

data\_nascimento = "1996-01-05";

insert into alunos

set

cpf = "23400000",

nome = "marcio",

email ="m@gmail.com",

fone = "44923333346",

data\_nascimento = "2000-03-05";

insert into turmas

set

instrutores\_id = 1,

cursos\_id = 1,

data\_inicio = "2010-06-06",

data\_final = "2022-12-20",

carga\_horaria = 10;

insert into matriculas

set

turmas\_id = 1,

alunos\_id = 1,

data\_matricula = "2022-02-02";

insert into matriculas

set

turmas\_id = 2,

alunos\_id = 2,

data\_matricula = "2020-02-02";

update instrutores set

nome = 'jailson',

email = 'asas@gmail.com'

where id = '1';

update cursos set

nome = "biopark",

requisito = "logica e vontade";

update turmas

set

instrutores\_id = 1

where id = 1;

update turmas

set

instrutores\_id = 2

where id = 2;

select \* from instrutores;

delete from instrutores

where id = 2;

delete from instrutores

where id = 3;

select \* from instrutores;

delete from cursos

where id = 2;

delete from cursos

where id = 3;

select \* from cursos;

delete from alunos

where id = 2;

delete from alunos

where id = 3;

select \* from alunos;

delete from turmas

where id = 2;

delete from turmas

where id = 3;

select \* from turmas;

delete from matriculas

where id = 2;

delete from matriculas

where id = 3;

select \* from matriculas;