create database iTutor;

use iTutor;

create table disciplina

(

pkDisciplina int not null IDENTITY(1,1) primary key,

codigo varchar(5),

nome varchar(50)

);

insert into disciplina (codigo, nome) values

('001','Matemática'),

('002','Português'),

('003','Física'),

('004','Química'),

('005','Biologia'),

('006','História'),

('007','Geografia'),

('008','Inglês');

create table aluno

(

pkAluno int not null IDENTITY(1,1) primary key,

nome varchar(255),

dataNascimento date,

cpf varchar(11),

responsavel varchar(255),

statusCadastro smallint,

telefone varchar(11),

email varchar(50),

dataCadastro date

);

insert into aluno (nome, dataNascimento, cpf, responsavel, statusCadastro, telefone, email, dataCadastro) values

('Leonardo Martins Cardoso', '2005-12-07', '81581077378', '', 0, '1943569478', '[LeonardoMartinsCardoso@rhyta.com](mailto:LeonardoMartinsCardoso@rhyta.com)', '2019-07-03'),

('Kira Rocha Sousa', '2007-03-25', '11982244950', null, 0, '1979527606', 'EmilyRochaSousa@teleworm.com', '2019-07-03');

create table professor

(

pkProfessor int not null IDENTITY(1,1) primary key,

nome varchar(255),

dataNascimento date,

cpf varchar(11),

statusCadastro smallint,

telefone varchar(11),

email varchar(50),

fkDisciplina int foreign key references disciplina(pkDisciplina),

valorHoraAula float,

dataCadastro date

);

insert into professor (nome, dataNascimento, cpf, statusCadastro, telefone, email,fkDisciplina,valorHoraAula, dataCadastro) values

('Renan Carvalho Cunha','1969-04-15','94012857568',0,'1979032202','[LucasCarvalhoCunha@jourrapide.com](mailto:LucasCarvalhoCunha@jourrapide.com)',5, 80, '2019-07-03'),

('Tamy Dias Oliveira','1975-10-02','86884339764',0,'1980712246','[GabrielaDiasOliveira@rhyta.com](mailto:GabrielaDiasOliveira@rhyta.com)',6, 70, '2019-07-03');

create table pagamento

(

pkPagamento int not null IDENTITY(1,1) primary key,

horas time,

diaPagamento date,

formaPagamento varchar(20),

statusCadastro smallint,

fkAluno int foreign key references aluno(pkAluno),

fkProfessor int foreign key references professor(pkProfessor)

);

create table endereco

(

pkEndereco int not null IDENTITY(1,1) primary key,

cep varchar(8),

rua varchar(100),

numero varchar(6),

complemento varchar(30),

bairro varchar(50),

cidade varchar(50),

estado varchar(2),

statusCadastro smallint,

fkAluno int foreign key references aluno(pkAluno),

fkProfessor int foreign key references professor(pkProfessor)

);

insert into endereco (cep,rua,numero,complemento,bairro,cidade,estado,statusCadastro,fkAluno,fkProfessor) values

('84272200','Itabuna','1062',null,'Sé','Telêmaco Borba','PR',0,null,2),

('03509045','Praça da Conquista','898',null,'Liberdade','São Paulo','SP',0,null,1),

('40255165','Adelaide Guimarães','1164',null,'Bob','Salvador','BA',0,1,null),

('39801159','Travessa Trinta e Oito','1154', null, 'Beco Diagonal', 'Teófilo Otoni','MG',0,2,null);

create table aula

(

pkAula int not null IDENTITY(1,1) primary key,

dataAula date,

horaInicial time,

horaFinal time,

fkAluno int not null foreign key references aluno(pkAluno),

fkProfessor int not null foreign key references professor(pkProfessor),

fkDisciplina int not null foreign key references disciplina(pkDisciplina),

fkEndereco int not null foreign key references endereco(pkEndereco),

telefone varchar(11),

statusAula smallint,

fkPagamento int not null foreign key references pagamento(pkPagamento),

conteudo varchar(255),

observacao varchar(255)

);

--3 : concluida

--4 : agendada

--5: cancelada

create table usuario

(

pkUsuario int not null IDENTITY(1,1) primary key,

usuario varchar(50),

senha varchar(10),

levelPermissao smallint,

dataCriacao datetime,

solicitacaoAprovada bit not null,

statusCadastro smallint,

fkAluno int foreign key references aluno(pkAluno),

fkProfessor int foreign key references professor(pkProfessor)

);

-- 0 : permissao adm

-- 1 : permissao professor

-- 2 : permissao aluno

insert into usuario

(usuario, senha, levelPermissao, dataCriacao, solicitacaoAprovada, statusCadastro, fkAluno, fkProfessor)

values

('Bob', '123', 0, '2019-06-01 15:30:00', 1, 0, null, null),

('Renan', '123', 1, '2019-06-01 15:30:00', 1, 0, null, 1),

('Kira', '123', 2, '2019-06-01 15:30:00', 1, 0, 2, null);