CREATE DATABASE faculdades ;

USE faculdades;

CREATE TABLE curso\_nivel(

ID INT NOT NULL AUTO\_INCREMENT,

Nome VARCHAR(40) NOT NULL,

PRIMARY KEY(ID)

);

CREATE TABLE Campus(

ID INT NOT NULL AUTO\_INCREMENT,

Nome VARCHAR(40) NOT NULL,

ID\_curso\_nivel INT NOT NULL,

PRIMARY KEY(ID),

FOREIGN KEY(ID\_curso\_nivel) REFERENCES curso\_nivel(ID)

);

CREATE TABLE professor(

ID INT NOT NULL AUTO\_INCREMENT,

Nome VARCHAR(50) NOT NULL,

CPF VARCHAR(14),

PRIMARY KEY(ID)

);

CREATE TABLE Disciplina(

ID INT NOT NULL AUTO\_INCREMENT,

Nome VARCHAR(50) NOT NULL,

ID\_professor INT NOT NULL,

PRIMARY KEY(ID),

FOREIGN KEY (ID\_professor) REFERENCES professor(ID)

);

CREATE TABLE Aluno(

ID INT NOT NULL AUTO\_INCREMENT,

Nome VARCHAR(50),

RG VARCHAR(15),

ID\_Campus INT NOT NULL,

ID\_Professor INT NOT NULL,

PRIMARY KEY(ID),

FOREIGN KEY (ID\_Campus) REFERENCES campus(ID),

FOREIGN KEY (ID\_Professor) REFERENCES Professor(ID)

);

CREATE TABLE Turnos(

ID INT NOT NULL AUTO\_INCREMENT,

Nome VARCHAR(30) NOT NULL,

PRIMARY KEY(ID)

);

CREATE TABLE Cursos(

ID INT NOT NULL AUTO\_INCREMENT,

ID\_disciplina INT NOT NULL,

ID\_Professor INT NOT NULL,

ID\_Curso\_Nivel INT NOT NULL,

ID\_Turnos INT NOT NULL,

PRIMARY KEY(ID),

FOREIGN KEY(ID\_disciplina) REFERENCES disciplina(ID),

FOREIGN KEY(ID\_Professor) REFERENCES professor(ID),

FOREIGN KEY( ID\_Curso\_Nivel) REFERENCES curso\_nivel(ID),

FOREIGN KEY( ID\_Turnos) REFERENCES turnos(ID)

);

CREATE TABLE Turma(

ID INT NOT NULL AUTO\_INCREMENT,

ID\_Aluno INT NOT NULL,

ID\_Curso INT NOT NULL,

ID\_Professor INT NOT NULL,

Presencas BOOLEAN,

PRIMARY KEY(ID),

FOREIGN KEY(ID\_Aluno) REFERENCES aluno(ID),

FOREIGN KEY(ID\_Curso) REFERENCES cursos(ID),

FOREIGN KEY(ID\_Professor) REFERENCES professor(ID)

);

CREATE TABLE registro\_classe(

ID INT NOT NULL AUTO\_INCREMENT,

ID\_turma INT NOT NULL,

ID\_aluno INT NOT NULL,

ID\_Professor INT NOT NULL,

Dia DATE ,

PRIMARY KEY(ID),

FOREIGN KEY(ID\_turma) REFERENCES turma(ID),

FOREIGN KEY(ID\_aluno) REFERENCES aluno(ID),

FOREIGN KEY(ID\_Professor) REFERENCES professor(ID)

);

CREATE TABLE Diario\_Classe(

ID INT NOT NULL AUTO\_INCREMENT,

ID\_Aluno INT NOT NULL,

ID\_turma INT NOT NULL,

ID\_Professor INT NOT NULL,

ID\_disciplina INT NOT NULL,

Atividade\_01 FLOAT(2,1),

Atividade\_02 FLOAT(2,1),

Prova FLOAT(2,1),

Status\_aluno BOOLEAN,

PRIMARY KEY(ID),

FOREIGN KEY(ID\_aluno) REFERENCES aluno(ID),

FOREIGN KEY(ID\_turma) REFERENCES turma(ID),

FOREIGN KEY(ID\_Professor) REFERENCES professor(ID),

FOREIGN KEY(ID\_disciplina) REFERENCES disciplina(ID)

);