IF DB\_ID('estudiantedb') IS NOT NULL

BEGIN

drop database estudiantedb;

create database estudiantedb;

use estudiantedb;

END

ELSE

BEGIN

create database estudiantedb;

use estudiantedb;

END

go

create table [login]

(

id int not null primary key identity,

usuario varchar(25) not null unique,

contrasena varchar(20) not null

);

go

select \* from [login]

go

insert into login (usuario, contrasena) values ('Felix', '12345'),

('Jimmy', '12345'),

('Noe', '12345'),

('Frandely', '12345');

go

create table estudiante

(

matricula int not null primary key identity,

nombre varchar(25) not null,

apellido varchar(25) not null,

sexo char(1) not null check (sexo in ('M','F')),

direccion varchar(35) not null,

email varchar(30),

cedula char(11) not null,

nacionalidad varchar(15) not null,

tanda varchar(15) check (tanda in ('M','T','N')),

modalidad varchar(10) check (modalidad in ('FCC','FHP', 'FCP','FMT', 'FD', 'D')),

fecha\_nacimiento char(10) not null check(fecha\_nacimiento like '%[0-9][0-9]/[0-9][0-9]/[0-9][0-9][0-9][0-9]%'),

fecha\_ingreso char(10) not null check(fecha\_ingreso like '%[0-9][0-9]/[0-9][0-9]/[0-9][0-9][0-9][0-9]%'),

fecha\_salida char(10) check(fecha\_salida like '%[0-9][0-9]/[0-9][0-9]/[0-9][0-9][0-9][0-9]%'),

[status] bit not null,

tipo\_de\_sangre char(2),

enfermedad varchar(20),

ocupacion varchar(20) not null,

estado\_civil varchar not null check(estado\_civil in ('S','C','V','UL')),

nivel\_academico varchar(20) not null,

foto image

);

go

create table sede

(

id int not null primary key identity,

nombre varchar(30) not null

);

go

create table sede\_estudiante

(

id int not null primary key identity,

matricula int not null foreign key(matricula) references estudiante(matricula) on delete cascade on update cascade,

id\_sede int not null foreign key(id\_sede) references sede(id) on delete cascade on update cascade

unique(matricula, id\_sede)

);

go

create table tipo\_telefono

(

id int not null primary key identity,

tipo\_telefono varchar(20) not null

);

go

create table telefono\_estudiante

(

id int not null primary key identity,

matricula int not null foreign key(matricula) references estudiante(matricula) on delete cascade on update cascade,

id\_tipo\_telefono int not null foreign key(id\_tipo\_telefono) references tipo\_telefono(id) on delete cascade on update cascade,

telefono char(10) not null,

unique(matricula, id\_tipo\_telefono)

);

go

create table curso

(

id int not null primary key identity,

nombre varchar(35) not null

);

go

create table modulo

(

id int not null primary key identity,

nombre varchar(35) not null

);

go

create table modulo\_curso

(

id int not null primary key identity,

id\_modulo int not null foreign key(id\_modulo) references modulo(id) on delete no action on update cascade,

id\_curso int not null foreign key(id\_curso) references curso(id) on delete cascade on update cascade,

unique (id\_modulo, id\_curso)

);

go

create table curso\_estudiante

(

id int not null primary key identity,

id\_curso int not null foreign key(id\_curso) references curso(id) on delete cascade on update cascade,

id\_estudiante int not null foreign key(id\_estudiante) references estudiante(matricula) on delete cascade on update cascade,

unique (id\_curso, id\_estudiante)

);

go

create table modulo\_estudiante

(

id int not null primary key identity,

id\_modulo int not null foreign key(id\_modulo) references modulo(id) on delete cascade on update cascade,

id\_estudiante int not null foreign key(id\_estudiante) references estudiante(matricula) on delete cascade on update cascade,

unique (id\_modulo, id\_estudiante)

);

go

create table horario

(

id int not null primary key identity,

dia varchar(10) not null,

hora\_entrada char(8) not null,

hora\_salida char(8) not null

);

go

create table modulo\_horario

(

id int not null primary key identity,

id\_horario int not null foreign key(id\_horario) references horario(id) on delete cascade on update cascade,

id\_modulo int not null foreign key(id\_modulo) references modulo(id) on delete cascade on update cascade,

unique(id\_horario,id\_modulo)

);

--https://infotep.wordpress.com/formacion/

select \* from persona where nombre like '%e%' and edad > 20