create database Livraria;

use Livraria;

create table Autor(

idAutor int primary key auto\_increment,

Nome VarChar(30),

Nascimento Date,

Peso double

);

create table removeAutor(

idAutor int primary key auto\_increment,

Nome VarChar(30),

Nascimento Date,

Peso double,

fkAutor int,

foreign key (fkAutor)

references Autor(idAutor)

);

create table ADM (

idADM int primary key auto\_increment,

RazaoSocial VarChar(30),

DataCriacao Date,

Saldo double

);

create table removeADM (

idADM int primary key auto\_increment,

RazaoSocial VarChar(30),

DataCriacao Date,

Saldo double,

fkADM int,

foreign key (fkADM)

references ADM (idADM)

);

create table Compra (

idCompra int primary key auto\_increment,

Titulo VarChar(30),

ValorCompra double,

DataCompra Date,

fkADM int,

fkAutor int,

foreign key (fkADM)

references ADM (idADM),

foreign key (fkAutor)

references Autor (idAutor)

);

create table Livro(

idLivro int primary key auto\_increment,

Titulo VarChar(30),

ValorCompra double,

DataLancamento date,

fkADM int,

fkAutor int,

foreign key(fkADM)

references ADM (idADM),

foreign key(fkAutor)

references Autor (idAutor)

);

create table Venda (

idVenda int primary key auto\_increment,

Titulo VarChar(30),

ValorVenda double,

DataVenda date,

fkADM int,

fkAutor int,

fkLivro int,

foreign key(fkADM)

references ADM (idADM),

foreign key(fkAutor)

references Autor(idAutor)

);

insert into Autor values (null, "Vitor W.", '2006-07-16', 100.00);

insert into ADM values (null, "livraria", '2000-1-1', 10000.00);

/\*insert into Compra values (null, "Narnia", 20.00, '1-1-2000', 1, 1);

insert into Venda values (null, "Narnia", 20.00, '1-1-2000', 1, 1, 1);\*/

delimiter $$

create trigger Comprar after insert on Compra for each row begin

declare Valor float;

set Valor := new.ValorCompra;

update ADM set ADM.Saldo = ADM.Saldo - Valor where ADM.idADM = new.fkADM;

insert into Livro values (null, new.Titulo, new.ValorCompra, new.DataCompra, new.fkADM, new.fkAutor);

end $$

delimiter ;

delimiter $$

create trigger Vender after insert on Venda for each row begin

declare Valor float;

set Valor := new.ValorVenda;

update ADM set ADM.Saldo = ADM.Saldo + Valor where ADM.idADM = new.fkADM;

delete from Livro where idLivro = new.fkLivro;

end $$

delimiter ;

delimiter $$

create trigger insertAutor after insert on Autor for each row begin

insert into Autor values (null, new.Nome, new.Nascimento, new.Peso);

end $$

delimiter ;

delimiter $$

create trigger insertADM after insert on ADM for each row begin

insert into ADM values (null, new.RazaoSocial, new.DataCriacao, new.Saldo);

end $$

delimiter ;

delimiter $$

create trigger removeAutor after insert on removeAutor for each row begin

delete from Autor where idAutor = new.fkAutor;

end $$

delimiter ;

delimiter $$

create trigger removeADM after insert on removeADM for each row begin

delete from ADM where idADM = new.fkADM;

end $$

delimiter ;

/\*select \* from Livro;

select \* from Venda;

select \* from Compra;

select \* from ADM;

select \* from Autor;

drop database Livraria;\*/