create database lab4;

use lab4;

create table thannhan(

MaTN int primary key,

TenTN varchar(45),

NgaySinh date,

MoiQH varchar(40),

MaKN int

);

insert into thannhan

value (19,"Đầm","1976-08-22","Mẹ",14),

(20,"Loan","1976-08-22","Cha",15),

(21,"Huệ","1976-08-22","Bà nội",16),

(22,"Phong","1976-08-22","Anh trai",17),

(23,"Ngọc","1976-08-22","Chị dâu",18);

alter table thannhan

add constraint MaKN

foreign key(MaKN) references nhanvien(MaNV)

on update cascade

on delete restrict;

create table nhanvien(

MaNV int primary key,

TenNV varchar(45),

ChucVu varchar(30),

MaKN1 int

);

insert into nhanvien

value (14,"Duy","Trưởng phòng",9),

(15,"Dũng","Nhân viên",10),

(16,"Hà","Trưởng phòng",11),

(17,"Đạt","Trưởng phòng",12),

(18,"Bình","Nhân viên",13);

alter table nhanvien

add constraint MaKN1

foreign key(MaKN1) references vanphong(MaVP)

on update cascade

on delete restrict;

create table vanphong(

MaVP int primary key,

DiaChi varchar(50),

MaKN2 int

);

insert into vanphong

value (9,"Hà Nội",4),

(10,"HCM",5),

(11,"Hà Nội",6),

(12,"Phan Thiết",7),

(13,"Bình Dương",8);

alter table vanphong

add constraint MaKN2

foreign key(MaKN2) references batdongsan(MaBDS)

on update cascade

on delete restrict;

create table batdongsan(

MaBDS int primary key,

DiaChiBDS varchar(50),

MaKN3 int

);

insert into batdongsan

value (4,"Hà Nội",1),

(5,"HCM",2),

(6,"Nha Trang",3),

(7,"Đà Nẵng",4),

(8,"Hạ Long",5);

alter table batdongsan

add constraint MaKN3

foreign key(MaKN3) references chusohuu(MaCSH)

on update cascade

on delete restrict;

create table chusohuu(

MaCSH int primary key,

TenCSH varchar(45),

DiaChiCSH varchar(50),

SdtCSH varchar(13)

);

insert into chusohuu

value (1,"Kiên","HCM",0123456789),

(2,"Trinh","Hà Nội",0534534563),

(3,"Kiệt","Phan Thiết",0942345623),

(4,"Hoà","Vũng Tàu",0336443559),

(5,"Quyên","Nha Trang",0643494218);

