create database QL\_BanSach;

use QL\_BanSach

create table TacGia(

MaTG varchar(5) not null primary key,

TenTG nvarchar(100) not null,

DiaChiTG nvarchar(100) not null

)

create table TheLoai(

MaTL varchar(10) not null primary key,

TenTL nvarchar(50) not null

)

create table Sach (

MaSach varchar(5) not null primary key,

TenSach nvarchar(100) not null,

TenTG nvarchar(100) not null,

NgayXB date not null,

MaTL varchar(10) not null foreign key references TheLoai(MaTL)

)

create table Sach\_TG(

MaSach varchar(5) not null foreign key references Sach(MaSach),

MaTG varchar(5) not null foreign key references TacGia(MaTG)

primary key(MaSach,MaTG)

)

create table KhachHang(

MaKH varchar(10) not null primary key,

TenKH nvarchar(50) not null,

GioiTinh bit not null,

DiaChiKH nvarchar(100) null,

DienThoaiKH varchar(20) null,

NgaySinh date not null

)

create table DungCu(

MaDC varchar(5) not null primary key,

TenDC nvarchar(20) not null,

DVT nvarchar(10) not null,

GiaBanDC money not null

)

create table ChiTietHDS(

MaHDS varchar(10) not null primary key,

MaSach varchar(5) not null foreign key references Sach(MaSach),

SoLuongSach int not null,

GiaBanS money not null

)

create table ChiTietHDDC(

MaHDDC varchar(10) not null primary key,

MaDC varchar(5) not null foreign key references DungCu(MaDC),

SoLuongDC int not null,

GiaBanDC money not null

)

create table HoaDon(

SoHD varchar(10) not null primary key,

MaHDS varchar(10) not null foreign key references ChiTietHDS(MaHDS),

MaHDDC varchar(10) null foreign key references ChiTietHDDC(MaHDDC),

NgayBan date,

MaKH varchar(10) not null foreign key references KhachHang(MaKH),

)

create table NhaXuatBan (

MaNXB nvarchar(10) not null primary key,

TenNXB nvarchar(50) not null,

DiaChiNXB nvarchar(100) not null,

DienThoai varchar(20) null

)

create table NhaCungCap (

MaNCC nvarchar(10) not null primary key,

TenNCC nvarchar(50) not null,

DiaChiNCC nvarchar(100) not null,

SDTNCC varchar(20) not null,

MaNXB nvarchar(10) not null foreign key references NhaXuatBan(MaNXB)

)

create table ChiTietPNS(

SoCTPNS varchar(10) primary key,

SoLuongNhapS int not null,

GiaNhapS money not null,

MaSach varchar(5) not null foreign key references Sach(MaSach)

)

create table ChiTietPNDC(

SoCTPNDC varchar(10) primary key,

SoLuongNhapDC int not null,

GiaNhapDC money not null,

MaDC varchar(5) not null foreign key references DungCu(MaDC)

)

create table PhieuNhap(

SoPN varchar(5) not null primary key,

SoCTPNS varchar(10) not null foreign key references ChiTietPNS(SoCTPNS),

SoCTPNDC varchar(10) null foreign key references ChiTietPNDC(SoCTPNDC),

NgayNhap date not null,

MaNCC nvarchar(10) not null foreign key references NhaCungCap(MaNCC)

)

insert into TacGia values

('TG01','Ernest Hemingway','Oak Park, Illinois, Chicago'),

('TG02',N'Tố Hữu',N'Tp Hội An, tỉnh Quảng Nam'),

('TG03','Haruki Murakami',N'Tp Ashiya ở tỉnh Hy,ogo'),

('TG04',N'Nguyễn Nhật Ánh',N'Bình Quế, Thăng Bình, Quảng Nam'),

('TG05',N'Nguyễn Du',N'Nghi Xuân, Hà Tĩnh '),

('TG06',N'Kim Lân',N'Tân Hồng, Từ Sơn, Bắc Ninh'),

('TG07','Jules Verne ',N'Tp Nantes, Pháp'),

('TG08','Ern Fagway','Oa Luhok, Iminois, Chi Bacago')

insert into TheLoai values

('HK',N'Hồi ký'),

('TT',N'Tiểu thuyết'),

('TD',N'Truyện dài'),

('TTH',N'Truyện thơ')

INSERT INTO Sach VALUES

('S01',N'Chuông nguyện hồn ai','Ernest Hemingway','5/12/1940','TT'),

('S02',N'Nhớ lạ một thời',N'Tố Hữu','10/10/2000','HK'),

('S03',N'Người tình Sputnik','Haruki Murakami','1/19/1999','HK'),

('S04',N'Mắt biếc',N'Nguyễn Nhật Ánh','8/8/1990','TD'),

('S05',N'Truyện Kiều',N'Nguyễn Du','11/9/1820','TTH'),

('S06',N'Vợ Nhặt',N'Kim Lân','5/22/1998','TT'),

('S07',N'Lên Cung trăng','Jules Verne ','6/7/1990','TT'),

('S08',N'Lên Hương','Trn gway','5/12/2000','TD')

insert into Sach\_TG values

('S01','TG01'),

('S01','TG07'),

('S02','TG02'),

('S02','TG05'),

('S02','TG03'),

('S03','TG04'),

('S03','TG06'),

('S04','TG01'),

('S04','TG05'),

('S05','TG02'),

('S05','TG04'),

('S06','TG06'),

('S07','TG03'),

('S07','TG01')

INSERT INTO KhachHang VALUES

('KH001',N'Nguyễn Văn Thành',0,N'24 Hoàng Văn Thụ,Nha Trang,KH','0987636728','1/9/1999'),

('KH002',N'Trương Thị Thanh Hằng',1,N'782 Ngô Quyền,Q6,TPHCM','0898362886','12/8/1995'),

('KH003',N'Võ Hoài Lâm',0,N'156 Phan Chu Trinh,TPHCM','0384623682','7/31/1994'),

('KH004',N'Hoàng Thị Như Quỳnh',1,N'93 Nguyễn Trãi,Phú Yên','0782377278','9/15/1990'),

('KH005',N'Lê Thanh Thảo',1,N'109 Hùng Vương','0783876837','10/10/1985'),

('KH006',N'Đặng Thị Thảo Vy',1,N'78 Lê Hồng Phong,Nha Trang,KH','0983623678','6/24/1989'),

('KH007',N'Ngô Nguyễn Thành Nam',0,N'36 Nhị Hà, Nha Trang,KH','0866465293','3/29/1979')

INSERT INTO DungCu VALUES

('DC01',N'Cục tẩy',N'Cái',8000),

('DC02',N'Màu tô',N'Hộp',13000),

('DC03',N'Bảng ghi',N'Cái',9500),

('DC04',N'Vở ghi',N'Cuốn',7000),

('DC05',N'Bút chì',N'Cây',4000),

('DC06',N'Bút bi',N'Cây',5000),

('DC07',N'Hộp bút',N'Hộp',16500)

INSERT INTO ChiTietHDS VALUES

('CTHDS01','S07',10,20000),

('CTHDS02','S06',5,34000),

('CTHDS03','S05',15,15000),

('CTHDS04','S04',7,35000),

('CTHDS05','S01',40,45000),

('CTHDS06','S02',3,27000),

('CTHDS07','S03',25,25000)

INSERT INTO ChiTietHDDC VALUES

('CTHDDC01','DC01',5,10000),

('CTHDDC02','DC02',2,15000),

('CTHDDC03','DC03',12,12000),

('CTHDDC04','DC04',63,8000),

('CTHDDC05','DC05',15,5000),

('CTHDDC06','DC06',33,6000),

('CTHDDC07','DC07',18,17000)

INSERT INTO HoaDon VALUES

('HD01','CTHDS01',null,'01/20/2020','KH001'),

('HD02','CTHDS03','CTHDDC06','01/02/2020','KH002'),

('HD03','CTHDS02',null,'05/02/2020','KH003'),

('HD04','CTHDS04',null,'11/04/2020','KH004'),

('HD05','CTHDS05','CTHDDC03','02/05/2020','KH005'),

('HD06','CTHDS06',null,'06/16/2020','KH006'),

('HD07','CTHDS07','CTHDDC01','09/08/2020','KH007'),

('HD08','CTHDS02','CTHDDC04','12/20/2020','KH001'),

('HD09','CTHDS03','CTHDDC05','01/02/2021','KH001'),

('HD10','CTHDS01','CTHDDC07','01/20/2020','KH001'),

('HD11','CTHDS07',null,'01/21/2020','KH001'),

('HD12','CTHDS04',null,'01/22/2020','KH001'),

('HD13','CTHDS05','CTHDDC06','01/23/2020','KH001'),

('HD14','CTHDS06',null,'01/24/2020','KH001')

INSERT INTO NHAXUATBAN VALUES

('GD',N'NXB Giáo Dục',N'5A Trần Hưng Đạo,Q1,TPHCM','0957357287'),

('GTVT',N'Giao Thông Vận Tải',N'459 Trưng Vương, Hà Nội','0295496352'),

('KD',N'NXB Kim Đồng',N'967 Lê Hồng Phong,Q10,TPHCM','0967843568'),

('LSVM',N'Lịch Sử Văn Minh',N'125 Trần Bình Trọng,TPHCM','0867354085'),

('PNB',N'Phương Nam Book',N'34 Bà Rịa, Vũng Tàu','0888527752'),

('VH',N'NXB Văn Học',N'09 Nguyễn Thái Học,Q1,TPHCM','0989835276'),

('NN',N'NXB Nhã Nam',N'631 Võ Văn Tần,Đà Nẵng','0784735276'),

('TP',N'NXB Tư pháp.',N'5A Trần Hưng Đạo,Lâm Đồng','0957087287')

INSERT INTO NHACUNGCAP VALUES

('NCC01',N'Cty TNHH Đỗ Gia Phát',N'Cầu Giấy, Hà Nội','0984867231','NN'),

('NCC02',N'Trung Ương Đoàn TNCS HCM',N'33 Hoàng Văn Thụ, Q9, TPHCM','0994863733','KD'),

('NCC03',N'NXB Giao Thông Vận Tải',N'823 Đinh Tiên Hoàng, Q2,TPHCM','0965275285','GTVT'),

('NCC04',N'Bộ Giáo Dục và Đào Tạo',N'978 Quang Trung, Hà Nội','0637572876','GD'),

('NCC05',N'NXB Tổng Hợp TPHCM',N'864 Nguyễn Thị Minh Khai, Q1,TPHCM','0836345634','PNB'),

('NCC06',N'Đại Học Quốc Gia Hà Nội',N'873 Duy Tân,Cầu Giấy,Hà Nội','0375834678','LSVM'),

('NCC07',N'Hội Nhà Văn',N'98 Trần Hưng Đạo,Hà Nội','0936478432','VH')

insert into ChiTietPNS VALUES

('CTPNS01',200,15000,'S01'),

('CTPNS02',175,25000,'S02'),

('CTPNS03',155,12000,'S03'),

('CTPNS04',130,30000,'S04'),

('CTPNS05',180,40000,'S05'),

('CTPNS06',190,17000,'S06'),

('CTPNS07',174,19000,'S07'),

('CTPNS08',100,20000,'S03')

insert into ChiTietPNDC VALUES

('CTPNDC01',50,7000,'DC01'),

('CTPNDC02',50,12000,'DC02'),

('CTPNDC03',70,8000,'DC03'),

('CTPNDC04',80,6000,'DC04'),

('CTPNDC05',100,3000,'DC05'),

('CTPNDC06',68,4000,'DC06'),

('CTPNDC07',96,15000,'DC07')

insert into PhieuNhap VALUES

('PN01','CTPNS05',null,'02/11/2019','NCC01'),

('PN02','CTPNS01','CTPNDC05','12/08/2019','NCC02'),

('PN03','CTPNS03',null,'03/05/2019','NCC03'),

('PN04','CTPNS07',null,'04/09/2019','NCC04'),

('PN05','CTPNS02','CTPNDC02','11/01/2019','NCC05'),

('PN06','CTPNS06','CTPNDC06','05/05/2019','NCC06'),

('PN07','CTPNS04',null,'12/20/2019','NCC07'),

('PN08','CTPNS08','CTPNDC04','02/11/2019','NCC04')