/\* Cau 1\*/

CREATE DATABASE QLBH

GO

USE QLBH

GO

CREATE TABLE KHACHHANG(

MAKH char(4) not null,

HOTEN varchar(40),

DCHI varchar(50),

SODT varchar(20),

NGSINH smalldatetime,

NGDK smalldatetime,

DOANHSO money,

constraint pk\_kh primary key(MAKH)

)

---------------------------------------------

-- NHANVIEN

CREATE TABLE NHANVIEN(

MANV char(4) not null,

HOTEN varchar(40),

SODT varchar(20),

NGVL smalldatetime

constraint pk\_nv primary key(MANV)

)

---------------------------------------------

-- SANPHAM

CREATE TABLE SANPHAM(

MASP char(4) not null,

TENSP varchar(40),

DVT varchar(20),

NUOCSX varchar(40),

GIA money,

constraint pk\_sp primary key(MASP)

)

---------------------------------------------

-- HOADON

CREATE TABLE HOADON(

SOHD int not null,

NGHD smalldatetime,

MAKH char(4),

MANV char(4),

TRIGIA money,

constraint pk\_hd primary key(SOHD)

)

---------------------------------------------

-- CTHD

CREATE TABLE CTHD(

SOHD int,

MASP char(4),

SL int,

constraint pk\_cthd primary key(SOHD,MASP)

)

-- Khoa ngoai cho bang HOADON

ALTER TABLE HOADON ADD CONSTRAINT fk01\_HD FOREIGN KEY(MAKH) REFERENCES KHACHHANG(MAKH)

ALTER TABLE HOADON ADD CONSTRAINT fk02\_HD FOREIGN KEY(MANV) REFERENCES NHANVIEN(MANV)

-- Khoa ngoai cho bang CTHD

ALTER TABLE CTHD ADD CONSTRAINT fk01\_CTHD FOREIGN KEY(SOHD) REFERENCES HOADON(SOHD)

ALTER TABLE CTHD ADD CONSTRAINT fk02\_CTHD FOREIGN KEY(MASP) REFERENCES SANPHAM(MASP)

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set dateformat dmy

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-- KHACHHANG

insert into khachhang values('KH01','Nguyen Van A','731 Tran Hung Dao, Q5, TpHCM','8823451','22/10/1960','22/07/2006',13060000)

insert into khachhang values('KH02','Tran Ngoc Han','23/5 Nguyen Trai, Q5, TpHCM','908256478','03/04/1974','30/07/2006',280000)

insert into khachhang values('KH03','Tran Ngoc Linh','45 Nguyen Canh Chan, Q1, TpHCM','938776266','12/06/1980','08/05/2006',3860000)

insert into khachhang values('KH04','Tran Minh Long','50/34 Le Dai Hanh, Q10, TpHCM','917325476','09/03/1965','10/02/2006',250000)

insert into khachhang values('KH05','Le Nhat Minh','34 Truong Dinh, Q3, TpHCM','8246108','10/03/1950','28/10/2006',21000)

insert into khachhang values('KH06','Le Hoai Thuong','227 Nguyen Van Cu, Q5, TpHCM','8631738','31/12/1981','24/11/2006',915000)

insert into khachhang values('KH07','Nguyen Van Tam','32/3 Tran Binh Trong, Q5, TpHCM','916783565','06/04/1971','12/01/2006',12500)

insert into khachhang values('KH08','Phan Thi Thanh','45/2 An Duong Vuong, Q5, TpHCM','938435756','10/01/1971','13/12/2006',365000)

insert into khachhang values('KH09','Le Ha Vinh','873 Le Hong Phong, Q5, TpHCM','8654763','03/09/1979','14/01/2007',70000)

insert into khachhang values('KH10','Ha Duy Lap','34/34B Nguyen Trai, Q1, TpHCM','8768904','02/05/1983','16/01/2007',67500)

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-- NHANVIEN

insert into nhanvien values('NV01','Nguyen Nhu Nhut','927345678','13/04/2006')

insert into nhanvien values('NV02','Le Thi Phi Yen','987567390','21/04/2006')

insert into nhanvien values('NV03','Nguyen Van B','997047382','27/04/2006')

insert into nhanvien values('NV04','Ngo Thanh Tuan','913758498','24/06/2006')

insert into nhanvien values('NV05','Nguyen Thi Truc Thanh','918590387','20/07/2006')

-------------------------------

-- SANPHAM

insert into sanpham values('BC01','But chi','cay','Singapore',3000)

insert into sanpham values('BC02','But chi','cay','Singapore',5000)

insert into sanpham values('BC03','But chi','cay','Viet Nam',3500)

insert into sanpham values('BC04','But chi','hop','Viet Nam',30000)

insert into sanpham values('BB01','But bi','cay','Viet Nam',5000)

insert into sanpham values('BB02','But bi','cay','Trung Quoc',7000)

insert into sanpham values('BB03','But bi','hop','Thai Lan',100000)

insert into sanpham values('TV01','Tap 100 giay mong','quyen','Trung Quoc',2500)

insert into sanpham values('TV02','Tap 200 giay mong','quyen','Trung Quoc',4500)

insert into sanpham values('TV03','Tap 100 giay tot','quyen','Viet Nam',3000)

insert into sanpham values('TV04','Tap 200 giay tot','quyen','Viet Nam',5500)

insert into sanpham values('TV05','Tap 100 trang','chuc','Viet Nam',23000)

insert into sanpham values('TV06','Tap 200 trang','chuc','Viet Nam',53000)

insert into sanpham values('TV07','Tap 100 trang','chuc','Trung Quoc',34000)

insert into sanpham values('ST01','So tay 500 trang','quyen','Trung Quoc',40000)

insert into sanpham values('ST02','So tay loai 1','quyen','Viet Nam',55000)

insert into sanpham values('ST03','So tay loai 2','quyen','Viet Nam',51000)

insert into sanpham values('ST04','So tay','quyen','Thai Lan',55000)

insert into sanpham values('ST05','So tay mong','quyen','Thai Lan',20000)

insert into sanpham values('ST06','Phan viet bang','hop','Viet Nam',5000)

insert into sanpham values('ST07','Phan khong bui','hop','Viet Nam',7000)

insert into sanpham values('ST08','Bong bang','cai','Viet Nam',1000)

insert into sanpham values('ST09','But long','cay','Viet Nam',5000)

insert into sanpham values('ST10','But long','cay','Trung Quoc',7000)

-------------------------------

-- HOADON

insert into hoadon values(1001,'23/07/2006','KH01','NV01',320000)

insert into hoadon values(1002,'12/08/2006','KH01','NV02',840000)

insert into hoadon values(1003,'23/08/2006','KH02','NV01',100000)

insert into hoadon values(1004,'01/09/2006','KH02','NV01',180000)

insert into hoadon values(1005,'20/10/2006','KH01','NV02',3800000)

insert into hoadon values(1006,'16/10/2006','KH01','NV03',2430000)

insert into hoadon values(1007,'28/10/2006','KH03','NV03',510000)

insert into hoadon values(1008,'28/10/2006','KH01','NV03',440000)

insert into hoadon values(1009,'28/10/2006','KH03','NV04',200000)

insert into hoadon values(1010,'01/11/2006','KH01','NV01',5200000)

insert into hoadon values(1011,'04/11/2006','KH04','NV03',250000)

insert into hoadon values(1012,'30/11/2006','KH05','NV03',21000)

insert into hoadon values(1013,'12/12/2006','KH06','NV01',5000)

insert into hoadon values(1014,'31/12/2006','KH03','NV02',3150000)

insert into hoadon values(1015,'01/01/2007','KH06','NV01',910000)

insert into hoadon values(1016,'01/01/2007','KH07','NV02',12500)

insert into hoadon values(1017,'02/01/2007','KH08','NV03',35000)

insert into hoadon values(1018,'13/01/2007','KH08','NV03',330000)

insert into hoadon values(1019,'13/01/2007','KH01','NV03',30000)

insert into hoadon values(1020,'14/01/2007','KH09','NV04',70000)

insert into hoadon values(1021,'16/01/2007','KH10','NV03',67500)

insert into hoadon values(1022,'16/01/2007',Null,'NV03',7000)

insert into hoadon values(1023,'17/01/2007',Null,'NV01',330000)

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-- CTHD

insert into cthd values(1001,'TV02',10)

insert into cthd values(1001,'ST01',5)

insert into cthd values(1001,'BC01',5)

insert into cthd values(1001,'BC02',10)

insert into cthd values(1001,'ST08',10)

insert into cthd values(1002,'BC04',20)

insert into cthd values(1002,'BB01',20)

insert into cthd values(1002,'BB02',20)

insert into cthd values(1003,'BB03',10)

insert into cthd values(1004,'TV01',20)

insert into cthd values(1004,'TV02',10)

insert into cthd values(1004,'TV03',10)

insert into cthd values(1004,'TV04',10)

insert into cthd values(1005,'TV05',50)

insert into cthd values(1005,'TV06',50)

insert into cthd values(1006,'TV07',20)

insert into cthd values(1006,'ST01',30)

insert into cthd values(1006,'ST02',10)

insert into cthd values(1007,'ST03',10)

insert into cthd values(1008,'ST04',8)

insert into cthd values(1009,'ST05',10)

insert into cthd values(1010,'TV07',50)

insert into cthd values(1010,'ST07',50)

insert into cthd values(1010,'ST08',100)

insert into cthd values(1010,'ST04',50)

insert into cthd values(1010,'TV03',100)

insert into cthd values(1011,'ST06',50)

insert into cthd values(1012,'ST07',3)

insert into cthd values(1013,'ST08',5)

insert into cthd values(1014,'BC02',80)

insert into cthd values(1014,'BB02',100)

insert into cthd values(1014,'BC04',60)

insert into cthd values(1014,'BB01',50)

insert into cthd values(1015,'BB02',30)

insert into cthd values(1015,'BB03',7)

insert into cthd values(1016,'TV01',5)

insert into cthd values(1017,'TV02',1)

insert into cthd values(1017,'TV03',1)

insert into cthd values(1017,'TV04',5)

insert into cthd values(1018,'ST04',6)

insert into cthd values(1019,'ST05',1)

insert into cthd values(1019,'ST06',2)

insert into cthd values(1020,'ST07',10)

insert into cthd values(1021,'ST08',5)

insert into cthd values(1021,'TV01',7)

insert into cthd values(1021,'TV02',10)

insert into cthd values(1022,'ST07',1)

insert into cthd values(1023,'ST04',6)

/\*Cau 2:\*/

go

ALTER TABLE SANPHAM

ADD

GHICHU varchar(20)

go

/\*Cau 3:\*/

go

ALTER TABLE KHACHHANG

ADD

LOAIKH tinyint

go

/\*Cau 4:\*/

go

ALTER TABLE SANPHAM

ALTER COLUMN GHICHU VARCHAR(100)

go

/\*Cau 5:\*/

go

ALTER TABLE SANPHAM

DROP COLUMN GHICHU

go

/\*Cau 6:\*/

go

ALTER TABLE KHACHHANG ALTER COLUMN LOAIKH VARCHAR(20)

go

/\*Cau 7:\*/

go

ALTER TABLE SANPHAM

ADD CONSTRAINT SANPHAM\_DVT

CHECK (DVT = 'cay' OR DVT = 'hop' OR DVT = 'cai' OR DVT = 'quyen' OR DVT = 'chuc')

go

/\*Cau 8:\*/

go

ALTER TABLE SANPHAM

ADD CONSTRAINT SANPHAM\_GIA CHECK(GIA > 500)

go

/\*Cau 9:\*/

go

ALTER TABLE CTHD

ADD CONSTRAINT CTHD\_SL CHECK(SL >= 1)

go

/\*Cau 10:\*/

go

ALTER TABLE KHACHHANG

ADD CONSTRAINT KH\_NGDK\_NGSINH CHECK(NGDK >= NGSINH)

go

/\*CAU 11\*/

ALTER TABLE HOADON ADD CONSTRAINT NGHD\_NGDK CHECK(HOADON.NGHD > KHACHHANG.NGDK)