CREATE TABLE KHACHHANG(

MAKH VARCHAR2(10) NOT NULL PRIMARY KEY,

TENKH VARCHAR2(50),

SDT VARCHAR(12),

Email VARCHAR2(50),

GioiTinh VARCHAR2(5),

DChi VARCHAR2(100),

LoaiKH VARCHAR2(15),

NGSinh DATE,

CMND VARCHAR2(12)

)

CREATE TABLE NHANVIEN (

MANV VARCHAR2(10) NOT NULL PRIMARY KEY,

TenNV VARCHAR2(50),

SDT VARCHAR2(12),

Email VARCHAR2(50),

GioiTinh VARCHAR2(5),

DChi VARCHAR2(100),

ChucVu VARCHAR2(15),

NGSinh DATE,

NGVL DATE,

Luong NUMBER

)

CREATE TABLE TAIKHOAN(

MaTK VARCHAR2(10) NOT NULL PRIMARY KEY,

TenTK VARCHAR2(100),

MatKhauTK VARCHAR2(100),

LoaiTK VARCHAR2(20),

MaNV VARCHAR2(10) references NHANVIEN(MaNV)

)

CREATE TABLE THELOAI(

MaTL VARCHAR2(10) NOT NULL PRIMARY KEY,

TenTL VARCHAR2(50),

MoTaTL VARCHAR2(200)

)

CREATE TABLE SACH(

MaSach VARCHAR2(10) NOT NULL PRIMARY KEY,

TenSach VARCHAR2(50),

TenTG VARCHAR2(50),

NamXB DATE,

SLTon number,

GiaBan NUMBER,

MaTL VARCHAR2(10)references THELOAI(MaTL)

)

CREATE TABLE KHUYENMAI(

MaKM VARCHAR2(10)NOT NULL PRIMARY KEY,

SoPhanTramGiam NUMBER,

KMTuNgay date,

KMDenNgay date,

DieuKienKM varchar2(100)

)

CREATE TABLE HOADON(

MaHD VARCHAR2(10) NOT NULL PRIMARY KEY,

NgayMuaSach DATE,

TongTienHD NUMBER,

MaNV VARCHAR2(50) references NHANVIEN(MaNV),

MAKH VARCHAR2(20) references KHACHHANG(MAKH),

MaKM VARCHAR2(10) references KHUYENMAI(MaKM)

)

CREATE TABLE NHACC(

MaNCC VARCHAR2(10) NOT NULL PRIMARY KEY,

TenNCC VARCHAR2(50),

SDT VARCHAR2(12),

Email VARCHAR2(50),

DChi VARCHAR2(100)

)

CREATE TABLE PHIEUNHAP(

MaPhieuNhap VARCHAR2(10) NOT NULL PRIMARY KEY,

NgayNhap DATE,

TongTienPN NUMBER,

MaNCC VARCHAR2(10),

MaNV VARCHAR2(10) references NHANVIEN(MaNV)

)

CREATE TABLE CTHD(

MaHD VARCHAR2(10) references HOADON(MaHD),

MaSach VARCHAR2(10) references SACH(MaSach),

SoLuong NUMBER,

ThanhTien NUMBER,

--- MaKM varchar2(10) references KHUYENMAI(MaKM)

)

CREATE TABLE CTPHIEUNHAP(

MaPhieuNhap VARCHAR2(10) NOT NULL PRIMARY KEY,

MaSach VARCHAR2(10) references SACH(MaSach) ,

SoLuong NUMBER,

GiaNhap NUMBER,

ThanhTien NUMBER

)

CREATE TABLE BAOCAO(

MaBC VARCHAR2(10) NOT NULL PRIMARY KEY,

NGLapBC DATE,

TuNgay Date,

DenNgay Date,

TongDoanhSo number,

MaNV VARCHAR2(10) references NHANVIEN(MaNV)

)

-----Trigger---

-----1. kt TUỔI----

CREATE OR REPLACE TRIGGER KTTUOI

BEFORE INSERT ON NHANVIEN

FOR EACH ROW

BEGIN

IF ((:new.NGVL - :new.NGSinh ) <=18) then

RAISE\_APPLICATION\_ERROR(-2000,'Nhan vien chua du 18 tuoi');

ELSE

DBMS\_OUTPUT.PUT\_LINE('GIAO TAC THANH CONG');

END IF;

END;

--------2. Luong k giảm---

SET SERVEROUTPUT ON;

CREATE OR REPLACE TRIGGER trg\_NV\_LuongKGiam

BEFORE INSERT OR UPDATE ON NHANVIEN

FOR EACH ROW

DECLARE

BEGIN

IF :NEW.Luong< :OLD.Luong

THEN

RAISE\_APPLICATION\_ERROR(-2000, 'LUONG KHONG GIAM');

END IF;

END;

---3 ngay sinh cua nhan vien nho hon ngay vao lam---

set serveroutput on;

create or replace trigger check\_ngayvaolam

before insert or update on NHANVIEN

for each row

begin

if :new.NGSinh>=:new.NGVL then

RAISE\_APPLICATION\_ERROR(-20000,'Ngay sinh phai nho hon ngay vao lam');

else

DBMS\_OUTPUT.PUT\_LINE('Giao tac thanh cong');

end if;

end;

-------4. kiem tra gia: gia ban phai lon hon gia nhap------

SET SERVEROUTPUT ON;

create or replace TRIGGER CHECK\_GIA

BEFORE INSERT OR UPDATE

ON CTPHIEUNHAP

FOR EACH ROW

declare

checkg number;

BEGIN

SELECT count(S.masach) into checkg

FROM Sach S

WHERE S.MaSach = :NEW.MaSach and :NEW.GiaNhap > S.GiaBan;

IF checkg > 0

THEN

RAISE\_APPLICATION\_ERROR(-2000, 'Gia nhap phai nho hon gia ban');

ELSE

DBMS\_OUTPUT.PUT\_LINE('DA THEM THANH CONG');

END IF;

END;

----------5.tinh tien trong CTPHIEUNHAP------

SET SERVEROUTPUT ON;

CREATE OR REPLACE TRIGGER TINHTIEN

BEFORE INSERT

ON CTPHIEUNHAP

FOR EACH ROW

DECLARE

BEGIN

:NEW.ThanhTien := :NEW.GIANHAP \* :NEW.SOLUONG;

END;

--------6. Tinh tien trong CTHD----

SET SERVEROUTPUT ON;

DROP TRIGGER TTHoaDON;

create or replace TRIGGER TTHoaDon

BEFORE INSERT OR UPDATE

ON CTHD

FOR EACH ROW

DECLARE

v\_MS NUMBER;

v\_GiaBan NUMBER;

BEGIN

SELECT GIABAN INTO v\_GiaBan

FROM SACH

WHERE SACH.MASACH= :NEW.MASACH;

IF (:NEW.MASACH IS NOT NULL)

THEN

:NEW.ThanhTien := v\_GiaBan\* :NEW.SOLUONG;

END IF;

END;

--Them KH—

INSERT INTO KHACHHANG VALUES ('KH001','Nguy?n V?n A','0987654321','VanA@gmail.com','Nam' ,'Qu?n 1','Th??ng','01-01-2020','112342543');

INSERT INTO KHACHHANG VALUES ('KH002','Nguy?n V?n B','012342543','VanB@gmail.com','Nam','Qu?n 4','Thân thi?t','04-02-2019','112365443');

INSERT INTO KHACHHANG VALUES ('KH003','Tr?n V?n C','012347533','VanC@gmail.com','Nam','Qu?n 2','Th??ng','06-04-2020','112347533');

INSERT INTO KHACHHANG VALUES ('KH004','Nguy?n V?n D','054342543','VanD@gmail.com','Nam','Qu?n 6','Th??ng','04-04-2020','112347533');

INSERT INTO KHACHHANG VALUES ('KH005','Nguy?n V?n E','076442543','VanE@gmail.com','Nam','Qu?n 7','Thân thi?t','05-05-2019','354342543');

INSERT INTO KHACHHANG VALUES ('KH006','Lê Th? An','0987644321','ThiAn@gmail.com','N?','Qu?n 8','Th??ng','03-07-2020','176442543');

INSERT INTO KHACHHANG VALUES ('KH007','Nguy?n Th? Trân','0981234321','ThiTran@gmail.com','N?','Qu?n 3','Th??ng','07-05-2020','115422543');

INSERT INTO KHACHHANG VALUES ('KH008','?? Th? Lan','0876654321','ThiLan@gmail.com','N?','Qu?n 1','Th??ng','08-10-2020','118762543');

INSERT INTO KHACHHANG VALUES ('KH009','Nguy?n Thanh Hà','0990154321','ThanhHa@gmail.com','N?','Qu?n 8','Th??ng','13-06-2020','754342543');

INSERT INTO KHACHHANG VALUES ('KH010','Tr??ng Kim An','098632321','KimAn@gmail.com','N?','Qu?n 5','Thân thi?t','21-12-2018','743342543');

INSERT INTO KHACHHANG VALUES ('KH011','Nguyễn Thị Minh','0966624351', 'ThiMinh@gmail.com', 'Nữ' ,'Quận 5','Thường','01-01-1976','122342543');

INSERT INTO KHACHHANG VALUES ('KH012','Đỗ Văn Tuấn', '098842543', 'VanTuan@gmail.com', 'Nam','Quận 4','Thân thiết','04-02-1978','199965443');

INSERT INTO KHACHHANG VALUES ('KH013','Lê Thanh Chương','099947533','ThanhChuong@gmail.com','Nam','Quận 2','Thường','06-04-2084','100347533');

INSERT INTO KHACHHANG VALUES ('KH014','Nguyễn Chí Thanh','051142543', 'ChiThanh@gmail.com', 'Nam','Quận 6','Thường','04-04-1999','187347533');

INSERT INTO KHACHHANG VALUES ('KH015','Trần Thanh Tâm','098442543','ThanhTam@gmail.com', 'Nam','Quận 7','Thân thiết','05-05-2000','354342543');

INSERT INTO KHACHHANG VALUES ('KH016','Mai Thương Anh', '0955644321', 'ThuongAnh@gmail.com', 'Nữ', 'Quận 8','Thường','03-07-2000','166442543');

INSERT INTO KHACHHANG VALUES ('KH017','Nguyễn Thị Hoa','0881234321','ThiHoa@gmail.com', 'Nữ','Quận 3','Thường','07-05-1993','112222543');

INSERT INTO KHACHHANG VALUES ('KH018','Nguyễn Thị Hòa','0876832321', 'ThiHoa@gmail.com', 'Nữ','Quận 1','Thường','08-10-1986','118782543');

INSERT INTO KHACHHANG VALUES ('KH019','Lê Mỹ Ngân', '0991154321', 'MyNgan@gmail.com', 'Nữ', 'Quận 8','Thường','13-06-1992','192342543');

INSERT INTO KHACHHANG VALUES ('KH020','Đỗ Vân An','098332321','VanAn@gmail.com','Nữ','Quận 5','Thân thiết','21-12-1995','192342543');

COMMIT;

COMMIT;

--Them NV—

INSERT INTO NHANVIEN VALUES ('NV001','Nguy?n Thanh An','0987111321','ThanhAn@gmail.com','N?','Qu?n 3','Qu?n Lý','01-04-1995','01-04-2018','15000000');

INSERT INTO NHANVIEN VALUES ('NV002','Lê Kim Thành','0987222322','KimThanh@gmail.com','N?','Qu?n 4','Bán Hàng','02-05-1994','01-05-19','9000000');

INSERT INTO NHANVIEN VALUES ('NV003','Lê Ng?c Di?m','0987333323','NgocDiem@gmail.com','N?','Qu?n 5','Bán Hàng','03-07-1995','01-07-2020','7000000');

INSERT INTO NHANVIEN VALUES ('NV004','Lê Kim Trúc','0987444324','KimTruc@gmail.com','N?','Qu?n 7','Bán Hàng','06-10-1996','01-05-2020','8000000');

INSERT INTO NHANVIEN VALUES ('NV005','Tr??ng H?u Duy ','0987555325','HuuDuy@gmail.com','Nam','Qu?n 3','Nh?p Hàng','09-09-1993','07-01-2020','7000000');

INSERT INTO NHANVIEN VALUES ('NV006','Nguy?n Chí Công','0987666326','ChiCong@gmail.com','Nam','Qu?n 2','Nh?p Hàng','11-05-1998','11-07-2019','8500000');

INSERT INTO NHANVIEN VALUES ('NV007','Nguy?n Duy Khánh','0987777327','DuyKhanh@gmail.com','Nam','Qu?n 3','Nh?p Hàng','23-01-2001','10-06-2019','8500000');

INSERT INTO NHANVIEN VALUES ('NV008','Hoàng Trí Tâm','0987777327','TriTam@gmail.com','Nam','Qu?n 9','Bán Hàng','15-05-2001','05-08-2019','9500000');

INSERT INTO NHANVIEN VALUES ('NV009','Ph?m Minh Th?ng','0987552325','MinhThang@gmail.com','Nam','Qu?n 1','Nh?p Hàng','10-03-1993','02-01-2020','8000000');

COMMIT;

--Them TaiKhoan—

INSERT INTO TAIKHOAN VALUES ('TK001','ThanhAn','ThanhAn001','Qu?n Lý','NV001');

INSERT INTO TAIKHOAN VALUES ('TK002','KimThanh','KimThanh002','Bán Hàng','NV002');

INSERT INTO TAIKHOAN VALUES ('TK003','NgocDiem','NgocDiem003','Bán Hàng','NV003');

INSERT INTO TAIKHOAN VALUES ('TK004','KimTruc','KimTruc004','Bán Hàng','NV004');

INSERT INTO TAIKHOAN VALUES ('TK005','HuuDuy','HuuDuy005','Nh?p Hàng','NV005');

INSERT INTO TAIKHOAN VALUES ('TK006','ChiCong','ChiCong006','Nh?p Hàng','NV006');

INSERT INTO TAIKHOAN VALUES ('TK007','DuyKhanh','DuyKhanh007','Nh?p Hàng','NV007');

INSERT INTO TAIKHOAN VALUES ('TK008','TriTam','TriTam008','Bán Hàng','NV008');

INSERT INTO TAIKHOAN VALUES ('TK009','MinhThang','MinhThang009','Nh?p Hàng','NV009');

COMMIT;

--Them The loai--

INSERT INTO THELOAI VALUES('TL001','Chính Tr?','');

INSERT INTO THELOAI VALUES('TL002','Pháp Lu?t','');

INSERT INTO THELOAI VALUES('TL003','Kinh T?','');

INSERT INTO THELOAI VALUES('TL004','Ti?ng Anh','');

INSERT INTO THELOAI VALUES('TL005','V?n H?c','');

INSERT INTO THELOAI VALUES('TL006','Ti?u Thuy?t','');

INSERT INTO THELOAI VALUES('TL007','Truy?n','');

INSERT INTO THELOAI VALUES('TL008','Sách giáo khoa','');

INSERT INTO THELOAI VALUES('TL009','Sách thiếu nhi','');

INSERT INTO THELOAI VALUES('TL010','Tâm lý','');

COMMIT;

--Them Sach --

INSERT INTO SACH VALUES('S001','C?ng Hòa', 'Platon', '01-09-2019', 100, 70000,'TL001');

INSERT INTO SACH VALUES('S002','Tuyên ngôn c?a ??ng C?ng S?n', 'Karl Marx', '11-12-2018', 150, 100000,'TL001');

INSERT INTO SACH VALUES('S003','Tài ba c?a lu?t s?', 'Nguy?n Ng?c Bích', '06-10-2017', 90, 90000,'TL002');

INSERT INTO SACH VALUES('S004','Kinh ?i?n kh?i nghi?p', 'Bill Aulet', '04-05-2018', 70, 130000,'TL003');

INSERT INTO SACH VALUES('S005','Nhà ??u t? thông minh', 'Benjamin Graham', '05-10-2018', 100, 135000,'TL003');

INSERT INTO SACH VALUES('S006','Easy English Conversation', 'Nguy?n Ng?c Hoa', '04-10-2018', 70, 160000,'TL004');

INSERT INTO SACH VALUES('S007','Luy?n ?? ETS 2020', 'Nguy?n Ng?c Hoa', '10-03-2020', 70, 130000,'TL004');

INSERT INTO SACH VALUES('S008','Chí phèo', 'Nam Cao', '14-10-2019', 100, 100000,'TL005');

INSERT INTO SACH VALUES('S009','T?t ?èn', 'Ngô T?t T?', '15-11-2018', 90, 80000,'TL005');

INSERT INTO SACH VALUES('S010','V? nh?t', 'Kim Lân', '12-12-2019', 100, 90000,'TL005');

INSERT INTO SACH VALUES('S011','Th?t t?ch không m?a', 'Lâu v? tình', '10-05-2019', 80, 85000,'TL006');

INSERT INTO SACH VALUES('S012','Cô gái n?m ?y chúng ta cùng theo ?u?i', 'C?u B? ?ao', '11-06-2019', 85, 90000,'TL006');

INSERT INTO SACH VALUES('S013','Once piece t?p 100', 'Oda Eiichiro', '10-10-2019', 100, 50000,'TL007');

INSERT INTO SACH VALUES('S014','Doraemon t?p 80', 'Fujiko Fujio', '18-05-2019', 150,60000,'TL007');

INSERT INTO SACH VALUES('S015','Hệ quản trị cơ sở dữ liệu', 'Nhiều tác giả', '10-7-2019', 50, 28000,'TL007');

INSERT INTO SACH VALUES('S016','Phân tích thiết kế hệ thống thông tin', 'Nhiều tác giả', '10-7-2019', 50, 62000,'TL007');

INSERT INTO SACH VALUES('S017','Đầu tư tài chính', 'Nhiều tác giả', '10-7-2019', 50, 500000,'TL003');

INSERT INTO SACH VALUES('S018','Tiền chùa', 'Louis Brandeis', '16-3-2019', 50, 100000,'TL003');

INSERT INTO SACH VALUES('S019','Khởi nghiệp với 100$', 'Chris Guillebeau', '26-5-2018', 40, 89000,'TL003');

INSERT INTO SACH VALUES('S020','Cẩm Nang Cấu Trúc Tiếng Anh', 'Trang Anh', '10-4-2019', 50,98000,'TL004');

INSERT INTO SACH VALUES('S021','Little Stories - To Get More Knowledge', 'Claire Luong', '5-4-2019', 30, 68000,'TL004');

INSERT INTO SACH VALUES('S022','Chuyên Đề Ngữ Pháp Tiếng Anh', 'Trang Anh', '16-11-2019', 40, 110000,'TL004');

INSERT INTO SACH VALUES('S023','Tự Học 2000 Từ Vựng Tiếng Anh', 'The Windy', '6-2-2019', 40, 72000,'TL004');

INSERT INTO SACH VALUES('S024','Tiếng Anh GenZ', 'English not boring', '17-8-2021', 50, 50000, 'TL004');

INSERT INTO SACH VALUES('S025','Số đỏ', 'Vũ Trọng Phụng', '1-8-2019', 30, 920000,'TL005');

INSERT INTO SACH VALUES('S026','Giông tố', 'Vũ Trọng Phụng', '22-3-2019', 40, 89000,'TL005');

INSERT INTO SACH VALUES('S027','Lão hạc', 'Nam Cao', '6-2-2019', 30, 88000,'TL005');

INSERT INTO SACH VALUES('S028','Lều chõng', 'Ngô Tất Tố', '14-9-2019', 40,86000,'TL005');

INSERT INTO SACH VALUES('S029','Gió đầu mùa', 'Thạch Lam', '6-9-2019', 30,101000,'TL005');

INSERT INTO SACH VALUES('S030','Tam quốc diễn nghĩa', 'La Quán Trung', '6-6-2018', 30,140000,'TL006');

INSERT INTO SACH VALUES('S031','Anh có thích nước Mỹ không?', 'Tân Di Ổ', '16-2-2018', 40, 145000,'TL006');

INSERT INTO SACH VALUES('S032','Hóa ra anh ở đây', 'Tân Di Ổ', '11-3-2019', 30, 135000,'TL006');

INSERT INTO SACH VALUES('S033','Hoa tư dẫn', 'Đường Thất Công Tử', '16-7-2017', 50,155000,'TL006');

INSERT INTO SACH VALUES('S034','Cẩm tú duyên', 'Đường Thất Công Tử', '2-4-2017', 40, 150000,'TL006');

INSERT INTO SACH VALUES('S035','Doraemon tập 81', 'Fujiko Fujio', '4-10-2019', 50, 60000,'TL009');

INSERT INTO SACH VALUES('S036','Doraemon tập 82', 'Fujiko Fujio', '4-6-2019', 50, 60000,'TL009');

INSERT INTO SACH VALUES('S037','Conan tập 1', 'Aoyama Gōshō.', '22-12-2019', 50,60000,'TL009');

INSERT INTO SACH VALUES('S038','Conan tập 2', 'Aoyama Gōshō.', '25-7-2019', 50, 60000,'TL009');

INSERT INTO SACH VALUES('S039','Conan tập 3', 'Aoyama Gōshō.', '6-10-2019', 50, 60000,'TL009');

INSERT INTO SACH VALUES('S040','Xác suất thống kê', 'Nhiều tác giả', '16-11-2019', 50, 60000,'TL007');

INSERT INTO SACH VALUES('S041','Lập trình hướng đối tượng', 'Nhiều tác giả', '1-12-2019', 40, 50000,'TL007');

INSERT INTO SACH VALUES('S042','Cấu trúc dữ liệu và giải thuật', 'Nhiều tác giả', '28-6-2019',30, 65000,'TL007');

INSERT INTO SACH VALUES('S043','Nhập môn mạng máy tính', 'Nhiều tác giả', '9-4-2019', 40, 500000,'TL007');

INSERT INTO SACH VALUES('S044','Nhập môn lập trình', 'Nhiều tác giả', '10-12-2019', 50, 55000,'TL007');

COMMIT;

--Them KM--

INSERT INTO KHUYENMAI VALUES('KM001',5,'01-04-2020','30-04-2020',1000000);

INSERT INTO KHUYENMAI VALUES('KM002',7,'01-10-2019','31-10-2019',2000000);

INSERT INTO KHUYENMAI VALUES('KM003',10,'01-05-2021','15-05-2021',3000000);

INSERT INTO KHUYENMAI VALUES('KM004',20,'23-12-2020','31-12-2020',2000000);

INSERT INTO KHUYENMAI VALUES('KM005',10,'01-01-2021','10-01-2021',3000000);

INSERT INTO KHUYENMAI VALUES('KM006',15,'10-04-2021','15-04-2021',3000000);

INSERT INTO KHUYENMAI VALUES('KM007',10,'22-12-2019','31-12-2019',2000000);

INSERT INTO KHUYENMAI VALUES('KM008',10,'01-05-2019','15-05-2019',500000);

INSERT INTO KHUYENMAI VALUES('KM009',5,'02-07-2019','07-07-2019',1000000);

INSERT INTO KHUYENMAI VALUES('KM010',8,'01-09-2019','10-09-2019',500000);

INSERT INTO KHUYENMAI VALUES('KM011',10,'01-09-2020','10-09-2020',2000000);

INSERT INTO KHUYENMAI VALUES('KM012',10,'01-05-2020','15-05-2020',500000);

INSERT INTO KHUYENMAI VALUES('KM013',20,'01-06-2020','05-06-2020',500000);

INSERT INTO KHUYENMAI VALUES('KM014',10,'01-03-2020','05-03-2020',1000000);

INSERT INTO KHUYENMAI VALUES('KM015',5,'01-11-2019','05-11-2019',500000);

--ThemHD---

INSERT INTO HOADON(MaHD, NGAYMUASACH, MANV, MAKH, MAKM) VALUES('HD001','12-04-2020','NV001','KH005','KM001');

INSERT INTO HOADON(MaHD, NGAYMUASACH, MANV, MAKH, MAKM) VALUES('HD002','10-05-2019','NV004','KH002','');

INSERT INTO HOADON(MaHD, NGAYMUASACH, MANV, MAKH, MAKM) VALUES('HD003','20-05-2021','NV005','KH001','');

INSERT INTO HOADON(MaHD, NGAYMUASACH, MANV, MAKH, MAKM) VALUES('HD004','12-05-2021','NV002','KH003','KM003');

INSERT INTO HOADON(MaHD, NGAYMUASACH, MANV, MAKH, MAKM) VALUES('HD005','10-09-2020','NV001','KH005','');

INSERT INTO HOADON(MaHD, NGAYMUASACH, MANV, MAKH, MAKM) VALUES('HD006','20-10-2019','NV005','KH002','KM002');

INSERT INTO HOADON(MaHD, NGAYMUASACH, MANV, MAKH, MAKM) VALUES('HD007','2-11-2019','NV001','KH006','KM015');

INSERT INTO HOADON(MaHD, NGAYMUASACH, MANV, MAKH, MAKM) VALUES('HD008','23-10-2019','NV002','KH007','KM003');

INSERT INTO HOADON(MaHD, NGAYMUASACH, MANV, MAKH, MAKM) VALUES('HD009','25-10-2019','NV003','KH008','KM002');

INSERT INTO HOADON(MaHD, NGAYMUASACH, MANV, MAKH, MAKM) VALUES('HD010','27-10-2019','NV004','KH009','KM002');

INSERT INTO HOADON(MaHD, NGAYMUASACH, MANV, MAKH, MAKM) VALUES('HD011','27-10-2019','NV004','KH010','KM002');

INSERT INTO HOADON(MaHD, NGAYMUASACH, MANV, MAKH, MAKM) VALUES('HD012','29-10-2019','NV005','KH011','KM002');

INSERT INTO HOADON(MaHD, NGAYMUASACH, MANV, MAKH, MAKM) VALUES('HD013','3-11-2019','NV008','KH012','KM015');

INSERT INTO HOADON(MaHD, NGAYMUASACH, MANV, MAKH, MAKM) VALUES('HD014','5-11-2019','NV002','KH013','KM015');

INSERT INTO HOADON(MaHD, NGAYMUASACH, MANV, MAKH, MAKM) VALUES('HD015','7-11-2020','NV009','KH014','');

INSERT INTO HOADON(MaHD, NGAYMUASACH, MANV, MAKH, MAKM) VALUES('HD016','23-11-2019','NV002','KH015','');

INSERT INTO HOADON(MaHD, NGAYMUASACH, MANV, MAKH, MAKM) VALUES('HD017','25-11-2020','NV003','KH016','');

INSERT INTO HOADON(MaHD, NGAYMUASACH, MANV, MAKH, MAKM) VALUES('HD018','23-12-2019','NV002','KH017','KM007');

INSERT INTO HOADON(MaHD, NGAYMUASACH, MANV, MAKH, MAKM) VALUES('HD019','25-12-2020','NV005','KH018','KM007');

INSERT INTO HOADON(MaHD, NGAYMUASACH, MANV, MAKH, MAKM) VALUES('HD020','27-12-2019','NV006','KH019','KM007');

INSERT INTO HOADON(MaHD, NGAYMUASACH, MANV, MAKH, MAKM) VALUES('HD021','3-1-2020','NV009','KH020','');

INSERT INTO HOADON(MaHD, NGAYMUASACH, MANV, MAKH, MAKM) VALUES('HD022','3-1-2020','NV009','KH007','');

INSERT INTO HOADON(MaHD, NGAYMUASACH, MANV, MAKH, MAKM) VALUES('HD023','5-1-2020','NV002','KH009','');

--ThemCTHD--

INSERT INTO CTHD(MaHD, MaSach, SoLuong, MaKM) VALUES('HD001','S001',10,'KM001');

INSERT INTO CTHD(MaHD, MaSach, SoLuong, MaKM) VALUES('HD001','S002',5,'');

INSERT INTO CTHD(MaHD, MaSach, SoLuong, MaKM) VALUES('HD002','S002',5,'');

INSERT INTO CTHD(MaHD, MaSach, SoLuong, MaKM) VALUES('HD001','S003',20,'');

INSERT INTO CTHD(MaHD, MaSach, SoLuong, MaKM) VALUES('HD002','S003',10,'');

INSERT INTO CTHD(MaHD, MaSach, SoLuong, MaKM) VALUES('HD001','S004',50,'');

INSERT INTO CTHD(MaHD, MaSach, SoLuong, MaKM) VALUES('HD003','S003',10,'');

INSERT INTO CTHD(MaHD, MaSach, SoLuong, MaKM) VALUES('HD003','S001',15,'');

INSERT INTO CTHD(MaHD, MaSach, SoLuong, MaKM) VALUES('HD003','S004',20,'');

INSERT INTO CTHD(MaHD, MaSach, SoLuong, MaKM) VALUES('HD002','S001',20,'');

INSERT INTO CTHD(MaHD, MaSach, SoLuong, MaKM) VALUES('HD005','S007',20,'');

INSERT INTO CTHD(MaHD, MaSach, SoLuong)VALUES('HD003','S007','2');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD003','S009','5');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD003','S022','2');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD004','S011','10');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD004','S013','3');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD004','S035','1');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD004','S021','1');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD004','S042','1');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD005','S016','1');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD005','S023','2');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD005','S024','1');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD005','S032','3');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD006','S018','1');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD006','S041','2');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD006','S011','1');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD007','S025','1');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD007','S037','3');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD008','S022','4');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD008','S042','2');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD009','S012','5');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD010','S022','4');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD010','S037','5');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD010','S018','2');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD011','S015','2');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD012','S041','5');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD013','S038','2');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD013','S011','3');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD014','S002','2');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD014','S010','7');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD015','S027','3');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD015','S023','1');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD016','S019','2');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD016','S020','5');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD017','S040','2');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD018','S032','10');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD018','S016','5');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD019','S008','2');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD019','S011','1');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD020','S005','2');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD021','S003','2');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD021','S029','3');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD022','S025','1');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD022','S013','2');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD023','S017','5');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD023','S004','2');

INSERT INTO CTHD(MaHD, MaSach, SoLuong) VALUES('HD023','S037','1');

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INSERT INTO PHIEUNHAP ( MaPhieuNhap, NgayNhap, MaNCC, MaNV) VALUES ('PN001','27/8/2019','CC001','NV001');

INSERT INTO PHIEUNHAP ( MaPhieuNhap, NgayNhap, MaNCC, MaNV) VALUES ('PN002','27/9/2019','CC002','NV002');

INSERT INTO PHIEUNHAP ( MaPhieuNhap, NgayNhap, MaNCC, MaNV) VALUES ('PN003','27/10/2019','C003','NV003');

INSERT INTO PHIEUNHAP ( MaPhieuNhap, NgayNhap, MaNCC, MaNV) VALUES ('PN004','27/11/2019','CC001','NV001');

INSERT INTO PHIEUNHAP ( MaPhieuNhap, NgayNhap, MaNCC, MaNV) VALUES ('PN005','27/12/2019','CC002','NV002');

INSERT INTO PHIEUNHAP ( MaPhieuNhap, NgayNhap, MaNCC, MaNV) VALUES ('PN006','27/1/2020','CC004','NV003');

INSERT INTO PHIEUNHAP ( MaPhieuNhap, NgayNhap, MaNCC, MaNV) VALUES ('PN007','27/2/2020','CC005','NV001');

INSERT INTO PHIEUNHAP ( MaPhieuNhap, NgayNhap, MaNCC, MaNV) VALUES ('PN008','20/3/2020','CC006','NV002');

INSERT INTO PHIEUNHAP ( MaPhieuNhap, NgayNhap, MaNCC, MaNV) VALUES ('PN009','22/5/2020','CC004','NV003');

INSERT INTO PHIEUNHAP ( MaPhieuNhap, NgayNhap, MaNCC, MaNV) VALUES ('PN010','27/6/2020','CC008','NV001');

INSERT INTO PHIEUNHAP ( MaPhieuNhap, NgayNhap, MaNCC, MaNV) VALUES ('PN011','27/7/2020','CC009','NV002');

INSERT INTO PHIEUNHAP ( MaPhieuNhap, NgayNhap, MaNCC, MaNV) VALUES ('PN012','27/8/2020','CC010','NV003');

INSERT INTO PHIEUNHAP ( MaPhieuNhap, NgayNhap, MaNCC, MaNV) VALUES ('PN013','27/9/2020','CC002','NV001');

INSERT INTO PHIEUNHAP ( MaPhieuNhap, NgayNhap, MaNCC, MaNV) VALUES ('PN014','27/10/2020','CC008','NV002');

INSERT INTO PHIEUNHAP ( MaPhieuNhap, NgayNhap, MaNCC, MaNV) VALUES ('PN015','27/11/2020','CC005','NV001');

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INSERT INTO CTPHIEUNHAP ( MaPhieuNhap, MaSach, SoLuong, GiaNhap) VALUES('PN001', 'S001', '30', '70000');

INSERT INTO CTPHIEUNHAP ( MaPhieuNhap, MaSach, SoLuong, GiaNhap) VALUES ('PN001', 'S002', '20', '70000');

INSERT INTO CTPHIEUNHAP ( MaPhieuNhap, MaSach, SoLuong, GiaNhap) VALUES ('PN001', 'S003', '30', '60000');

INSERT INTO CTPHIEUNHAP ( MaPhieuNhap, MaSach, SoLuong, GiaNhap) VALUES ('PN002', 'S004', '50', '100000');

INSERT INTO CTPHIEUNHAP ( MaPhieuNhap, MaSach, SoLuong, GiaNhap) VALUES ('PN002', 'S005', '30', '100000');

INSERT INTO CTPHIEUNHAP ( MaPhieuNhap, MaSach, SoLuong, GiaNhap) VALUES ('PN003', 'S006', '20', '120000');

INSERT INTO CTPHIEUNHAP ( MaPhieuNhap, MaSach, SoLuong, GiaNhap) VALUES ('PN003', 'S007', '30', '130000');

INSERT INTO CTPHIEUNHAP ( MaPhieuNhap, MaSach, SoLuong, GiaNhap) VALUES ('PN004', 'S008', '30', '60000');

INSERT INTO CTPHIEUNHAP ( MaPhieuNhap, MaSach, SoLuong, GiaNhap) VALUES ('PN004', 'S009', '30', '50000');

INSERT INTO CTPHIEUNHAP ( MaPhieuNhap, MaSach, SoLuong, GiaNhap) VALUES ('PN005', 'S010', '30', '60000');

INSERT INTO CTPHIEUNHAP ( MaPhieuNhap, MaSach, SoLuong, GiaNhap) VALUES ('PN005', 'S011', '50', '50000');

INSERT INTO CTPHIEUNHAP ( MaPhieuNhap, MaSach, SoLuong, GiaNhap) VALUES ('PN006', 'S012', '30', '60000');

INSERT INTO CTPHIEUNHAP ( MaPhieuNhap, MaSach, SoLuong, GiaNhap) VALUES ('PN006', 'S022', '30', '60000');

INSERT INTO CTPHIEUNHAP ( MaPhieuNhap, MaSach, SoLuong, GiaNhap) VALUES ('PN006', 'S023', '50', '48000');

INSERT INTO CTPHIEUNHAP ( MaPhieuNhap, MaSach, SoLuong, GiaNhap) VALUES ('PN007', 'S013', '30', '30000');

INSERT INTO CTPHIEUNHAP ( MaPhieuNhap, MaSach, SoLuong, GiaNhap) VALUES ('PN007', 'S024', '30', '50000');

INSERT INTO CTPHIEUNHAP ( MaPhieuNhap, MaSach, SoLuong, GiaNhap) VALUES ('PN008', 'S014', '40', '35000');

INSERT INTO CTPHIEUNHAP ( MaPhieuNhap, MaSach, SoLuong, GiaNhap) VALUES ('PN008', 'S025', '50', '50000');

INSERT INTO CTPHIEUNHAP ( MaPhieuNhap, MaSach, SoLuong, GiaNhap) VALUES ('PN009', 'S015', '30', '77000');

INSERT INTO CTPHIEUNHAP ( MaPhieuNhap, MaSach, SoLuong, GiaNhap) VALUES ('PN009', 'S026', '45', '44000');

INSERT INTO CTPHIEUNHAP ( MaPhieuNhap, MaSach, SoLuong, GiaNhap) VALUES ('PN010', 'S016', '20', '30000');

INSERT INTO CTPHIEUNHAP ( MaPhieuNhap, MaSach, SoLuong, GiaNhap) VALUES ('PN010', 'S027', '50', '40000');

INSERT INTO CTPHIEUNHAP ( MaPhieuNhap, MaSach, SoLuong, GiaNhap) VALUES ('PN010', 'S028', '30', '46000');

INSERT INTO CTPHIEUNHAP ( MaPhieuNhap, MaSach, SoLuong, GiaNhap) VALUES ('PN011', 'S017', '30', '40000');

INSERT INTO CTPHIEUNHAP ( MaPhieuNhap, MaSach, SoLuong, GiaNhap) VALUES ('PN011', 'S029', '50', '55000');

INSERT INTO CTPHIEUNHAP ( MaPhieuNhap, MaSach, SoLuong, GiaNhap) VALUES ('PN012', 'S018', '50', '70000');

INSERT INTO CTPHIEUNHAP( MaPhieuNhap, MaSach, SoLuong, GiaNhap) VALUES ('PN013', 'S019', '30', '62000');

INSERT INTO CTPHIEUNHAP( MaPhieuNhap, MaSach, SoLuong, GiaNhap) VALUES ('PN014', 'S020', '50', '58000');

INSERT INTO CTPHIEUNHAP( MaPhieuNhap, MaSach, SoLuong, GiaNhap) VALUES ('PN015', 'S021', '60', '39000');

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

---1. Cập nhật chi tiết hóa đơn:

create or replace PROCEDURE Cap\_Nhat\_CTHD(in\_MaHD HOADON.MaHD%TYPE, in\_MaSach SACH.MaSach%TYPE, in\_SL CTHD.SOLUONG%TYPE)

AS

v\_ThanhTien number:= 0;

v\_SLTon number;

v\_GiaBan number;

v\_SLCo number;

v\_SLConLai number;

BEGIN

--Lay tt thong tin sach--

SELECT SLTon, GiaBan INTO v\_SLTon,v\_GiaBan

FROM Sach

WHERE MaSach = in\_MaSach;

--Lay SL dang co trong CTHD--

SELECT SOLUONG into v\_SLCo

FROM CTHD

WHERE MaHD = in\_MaHD and MaSach = in\_MaSach;

--

IF(in\_SL <= v\_SLTon) --Kiem tra so luong sach trong kho co du--

Then

v\_SLConLai:=v\_SLTon + v\_SLCo - in\_SL;

v\_ThanhTien:=in\_SL\*v\_GiaBan;

UPDATE SACH

SET SLTON =v\_SLConLai

WHERE MaSach = in\_MaSach;

COMMIT;

UPDATE CTHD

SET SoLuong = in\_SL, ThanhTien = v\_ThanhTien

WHERE MaHD = in\_MaHD and MaSach = in\_MaSach;

COMMIT;

ELSE RAISE\_APPLICATION\_ERROR(-20003,'Số lượng sách trong kho không đủ');

END IF;

END;

----2. Cập nhật chi tiết phiếu nhập:

create or replace PROCEDURE Cap\_Nhat\_CTPN(in\_MaPN PHIEUNHAP.MAPHIEUNHAP%TYPE, in\_MaSach SACH.MaSach%TYPE,in\_SL CTPHIEUNHAP.SOLUONG%TYPE, in\_GiaNhap CTPHIEUNHAP.GIANHAP%TYPE)

AS

v\_MaPN varchar2(10);

v\_MaSach varchar2(10);

v\_SLTon number;

v\_SLMoi number;

v\_SL number; --So luong co trong CTPN--

v\_ThanhTien number;

BEGIN

--Lay So Luong Co trong CTPN

SELECT SOLUONG INTO v\_SL

FROM CTPHIEUNHAP

WHERE MaPhieuNhap = in\_MaPN and MaSach = in\_MaSach;

--

v\_SLMoi:= (v\_SLTon - v\_SL + in\_SL);

UPDATE SACH SET SLTON = v\_SLMoi WHERE MaSach = in\_MaSach;

v\_ThanhTien:=in\_SL\*in\_GiaNhap;

UPDATE CTPHIEUNHAP

SET SoLuong = in\_SL, ThanhTien = v\_ThanhTien, GiaNhap = in\_GiaNhap

WHERE MaPhieuNhap = in\_MaPN and MaSach = in\_MaSach;

COMMIT;

END;

-----3. Thêm CTHD:

create or replace PROCEDURE Them\_CTHD(in\_MaHD HOADON.MaHD%TYPE, in\_MaSach SACH.MaSach%TYPE, in\_SL CTHD.SOLUONG%TYPE)

AS

v\_ThanhTien number:= 0;

v\_MaHD varchar2(10);

v\_MaSach varchar2(10);

v\_SLTon number;

v\_GiaBan number;

v\_SLConLai number;

BEGIN

--Lay MaHD--

SELECT MaHD INTO v\_MaHD

FROM HOADON

WHERE MaHD = in\_MaHD;

--Lay tt thong tin sach--

SELECT MaSach, SLTon, GiaBan INTO v\_MaSach, v\_SLTon,v\_GiaBan

FROM Sach

WHERE MaSach = in\_MaSach;

--

IF(v\_MaHD = NULL)

THEN

RAISE\_APPLICATION\_ERROR(-20001,'Hóa đơn không tồn tại!');

END IF;

IF(v\_MaSach = NULL)

THEN

RAISE\_APPLICATION\_ERROR(-20002,'Sách không tồn tại');

END IF;

IF(in\_SL <= v\_SLTon)

Then

v\_SLConLai:=v\_SLTon - in\_SL;

UPDATE SACH SET SLTON = v\_SLConLai WHERE MASACH = in\_MaSach;

v\_ThanhTien:=in\_SL\*v\_GiaBan;

INSERT INTO CTHD VALUES(in\_MaHD,in\_MaSach,in\_SL,v\_ThanhTien);

COMMIT;

ELSE RAISE\_APPLICATION\_ERROR(-20003,'Số lượng sách trong kho không đủ');

END IF;

END;

----4. Thêm chi tiết phiếu nhập:

create or replace PROCEDURE Them\_CTPN(in\_MaPN PHIEUNHAP.MAPHIEUNHAP%TYPE, in\_MaSach SACH.MaSach%TYPE,in\_SL CTPHIEUNHAP.SOLUONG%TYPE, in\_GiaNhap CTPHIEUNHAP.GIANHAP%TYPE)

AS

v\_MaPN varchar2(10);

v\_MaSach varchar2(10);

v\_SLTon number;

v\_SLMoi number;

v\_ThanhTien number;

BEGIN

--Lay MaPhieuNHap--

SELECT MaPhieuNhap INTO v\_MaPN

FROM PHIEUNHAP

WHERE MaPhieuNhap = in\_MaPN;

--Lay Ma sach--

SELECT MaSach,SLTon INTO v\_MaSach, v\_SLTon

FROM Sach

WHERE MaSach = in\_MaSach;

--

IF(v\_MaPN = NULL)

THEN

RAISE\_APPLICATION\_ERROR(-20005,'Phiếu nhập không tồn tại!');

END IF;

IF(v\_MaSach = NULL)

THEN

RAISE\_APPLICATION\_ERROR(-20002,'Sách không tồn tại');

END IF;

v\_SLMoi:=v\_SLTon + in\_SL;

UPDATE SACH SET SLTON = v\_SLMoi WHERE MaSach = in\_MaSach;

v\_ThanhTien:=in\_SL\*in\_GiaNhap;

INSERT INTO CTPHIEUNHAP VALUES(in\_MaPN,in\_MaSach,in\_SL,in\_GiaNhap,v\_ThanhTien);

COMMIT;

END;

----5. Tinh Tổng tiền hóa đơn (dùng function tính tiền giảm khi có mã khuyến mãi trước).

CREATE OR REPLACE PROCEDURE Tinh\_TongHD(in\_MaHD HOADON.MaHD%TYPE)

AS

v\_TongTienHD number := 0;

v\_TienGiam number:=0;

v\_NgayMua date;

v\_MaKM varchar2(10);

v\_SoPTG number;

v\_kmTuNG Date;

v\_kmDenNG Date;

v\_DkKM number;

BEGIN

--Tinh Tong tien HD khi chua kiem tra ma khuyen mai--

SELECT SUM(ct.THANHTIEN) INTO v\_TongTienHD

FROM CTHD ct

WHERE ct.MAHD = in\_MaHD;

--Lay nhung thong tin can trong hoa don--

SELECT MAKM, NGAYMUASACH into v\_MaKM,v\_NgayMua

FROM HOADON

WHERE HOADON.MAHD = in\_MaHD;

IF(v\_MaKM IS NOT NULL)

THEN

--Lay nhung thong tin dieu kien trong khuyen mai--

SELECT SOPHANTRAMGIAM, KMTUNGAY,KMDENNGAY, DIEUKIENKM INTO v\_SoPTG, v\_kmTuNG, v\_kmDenNG, v\_DKKM

FROM KHUYENMAI

WHERE MAKM = v\_MaKM;

IF (v\_NgayMua >= v\_kmTuNg and v\_NgayMua <= v\_kmDenNG and v\_TongTienHD >= v\_DkKM)

THEN

v\_TienGiam:=v\_TongTienHD\*(v\_SoPTG/100);

END IF;

v\_TongTienHD:=(v\_TongTienHD-v\_TienGiam);

UPDATE HOADON

SET TONGTIENHD = v\_TongTienHD

WHERE HOADON.MAHD = in\_MaHD;

COMMIT;

ELSE

UPDATE HOADON

SET TONGTIENHD = v\_TongTienHD

WHERE HOADON.MAHD = in\_MaHD;

COMMIT;

END IF;

END;

--

---6. Tính tổng Phiếu nhập:

create or replace PROCEDURE Tinh\_TongPN(in\_MaPN PHIEUNHAP.MaPhieuNhap%TYPE)

AS

v\_TongTienPN number := 0;

BEGIN

SELECT SUM(ct.THANHTIEN) INTO v\_TongTienPN

FROM CTPHIEUNHAP ct

WHERE ct.MaPhieuNhap = in\_MaPN;

UPDATE PHIEUNHAP

SET TongTienPN = v\_TongTienPN

WHERE MaPhieuNhap = in\_MaPN;

COMMIT;

END;

-----7. Xóa chi tiết hóa đơn:

create or replace PROCEDURE Xoa\_CTHD(in\_MaHD HOADON.MaHD%TYPE, in\_MaSach SACH.MaSach%TYPE)

AS

v\_SLTon number;

v\_SL number; --So Luong sach trong cthd--

v\_SLConLai number;

BEGIN

--Lay so luong ton trong kho--

SELECT SLTon INTO v\_SLTon

FROM Sach

WHERE MaSach = in\_MaSach;

--Lay SL dang co trong CTHD--

SELECT SOLUONG into v\_SL

FROM CTHD

WHERE MaHD = in\_MaHD and MaSach = in\_MaSach;

--Xoa--

v\_SLConLai:=v\_SLTon + v\_SL;

UPDATE SACH

SET SLTON =v\_SLConLai

WHERE MaSach = in\_MaSach;

DELETE FROM CTHD WHERE MaHD = in\_MaHD and MaSach = in\_MaSach;

COMMIT;

END;

---8. Xóa chi tiết phiếu nhập:

create or replace PROCEDURE Xoa\_CTPN(in\_MaPN PHIEUNHAP.MaPhieuNhap%TYPE, in\_MaSach SACH.MaSach%TYPE)

AS

v\_SLTon number;

v\_SL number; --So Luong sach trong CTPN--

v\_SLMoi number;

BEGIN

--Lay so luong ton trong kho--

SELECT SLTon INTO v\_SLTon

FROM Sach

WHERE MaSach = in\_MaSach;

--Lay SL dang co trong CTHD--

SELECT SoLuong into v\_SL

FROM CTPHIEUNHAP

WHERE MaPhieuNhap = in\_MaPN and MaSach = in\_MaSach;

--Xoa--

v\_SLMoi:=v\_SLTon - v\_SL;

UPDATE SACH

SET SLTon = v\_SLMoi

WHERE MaSach = in\_MaSach;

DELETE FROM CTPHIEUNHAP WHERE MaPhieuNhap = in\_MaPN and MaSach = in\_MaSach;

COMMIT;

END;