**Run SQL all script below and do requirements:**

1. Write function name: StudenID\_ Func1 with parameter @mavt, return the sum

of sl\*giaban corresponding.

1. Write function to return a total of the HoaDon (@MahD is a parameter)
2. Write procedure name: StudenId \_Proc1, parameter @makh, @diachi. This procedure

help user update @diachi corresponding @makh.

1. Write procedure to add an item into Hoadon
2. Write trigger name: StudenId\_ Trig1 on table Chitiethoadon, when user insert data into Chitiethoadon, the trigger will update the Tongtien in HoaDon(student should add Tongtien column into Hoadon, tongtien=sum(sl\*giaban).
3. Write view name: StudentID\_View1 to extract list of customers who bought ‘Gach Ong’

//Script

CREATE DATABASE ABCCompany

CREATE TABLE KHACHHANG

(

MaKH nvarchar(5) NOT NULL PRIMARY KEY,

TenKH nvarchar(30) NOT NULL,

DiaChi nvarchar(50),

DT nvarchar(10) ,

Email nvarchar(30)

)

CREATE TABLE VATTU

(

MaVT nvarchar(5) PRIMARY KEY NOT NULL,

TenVT nvarchar(30) NOT NULL,

DVT nvarchar(20),

GiaMua int CHECK (GiaMua>0),

SLTon int CHECK (SLTon>=0)

)

CREATE TABLE HOADON

(

MaHD nvarchar(10) PRIMARY KEY NOT NULL,

Ngay datetime CHECK(Ngay<getdate()),

MaKH nvarchar(5) FOREIGN KEY REFERENCES KHACHHANG(MaKH),

TongTG int

)

CREATE TABLE CHITIETHOADON

(

MaHD nvarchar(10) FOREIGN KEY REFERENCES HOADON(MaHD),

MaVT nvarchar(5) FOREIGN KEY REFERENCES VATTU(MaVT),

PRIMARY KEY (MaHD,MaVT),

SL int,

KhuyenMai int,

GiaBan int

)

INSERT VATTU

VALUES( 'VT01','XI MANG','BAO',50000,5000)

INSERT VATTU

VALUES( 'VT02', 'CAT' ,'KHOI', 45000, 50000)

INSERT VATTU

VALUES( 'VT03', 'GACH ONG', 'VIEN', 120, 800000)

INSERT VATTU

VALUES( 'VT04', 'GACH THE', 'VIEN', 110, 800000)

INSERT VATTU

VALUES( 'VT05', 'DA LON', 'KHOI', 25000, 100000)

INSERT VATTU

VALUES( 'VT06', 'DA NHO', 'KHOI', 33000, 100000)

INSERT KHACHHANG

VALUES( 'KH01', 'NGUYEN THI BE', 'TAN BINH', 8457895, 'bnt@yahoo.com')

INSERT KHACHHANG

VALUES( 'KH02', 'LE HOANG NAM', 'BINH CHANH', 9878987, 'namlehoang @abc.com.vn')

INSERT KHACHHANG

VALUES( 'KH03', 'TRAN THI CHIEU', 'TAN BINH', 8457895,null )

INSERT KHACHHANG

VALUES( 'KH04', 'MAI THI QUE ANH', 'BINH CHANH ',null,null)

INSERT KHACHHANG

VALUES( 'KH05', 'LE VAN SANG', 'QUAN 10', null ,'sanglv@hcm.vnn.vn')

INSERT KHACHHANG

VALUES( 'KH06', 'TRAN HOANG KHAI', 'TAN BINH', 8457897 ,null)

INSERT HOADON([MaHD],[Ngay],[MaKH])

VALUES( 'HD001','2000-05-12', 'KH01')

INSERT HOADON([MaHD],[Ngay],[MaKH])

VALUES( 'HD002','2000-05-25', 'KH02')

INSERT HOADON([MaHD],[Ngay],[MaKH])

VALUES( 'HD003','2000-05-25','KH01')

INSERT HOADON([MaHD],[Ngay],[MaKH])

VALUES( 'HD004','2000-05-25','KH04')

INSERT HOADON([MaHD],[Ngay],[MaKH])

VALUES( 'HD005','2000-05-26','KH04')

INSERT HOADON([MaHD],[Ngay],[MaKH])

VALUES( 'HD006','2000-05-02','KH03')

INSERT HOADON([MaHD],[Ngay],[MaKH])

VALUES( 'HD007','2000-06-22','KH04')

INSERT HOADON([MaHD],[Ngay],[MaKH])

VALUES( 'HD008','2000-06-25','KH03')

INSERT HOADON([MaHD],[Ngay],[MaKH])

VALUES( 'HD009','2000-08-15','KH04')

INSERT HOADON([MaHD],[Ngay],[MaKH])

VALUES( 'HD010','2000-08-30','KH01')

INSERT CHITIETHOADON([MaHD],[MaVT],[SL],[GiaBan])

VALUES('HD001','VT01',5,52000)

INSERT CHITIETHOADON([MaHD],[MaVT],[SL],[GiaBan])

VALUES( 'HD001','VT05', 10, 30000)

INSERT CHITIETHOADON([MaHD],[MaVT],[SL],[GiaBan])

VALUES( 'HD002','VT03', 10000, 150)

INSERT CHITIETHOADON([MaHD],[MaVT],[SL],[GiaBan])

VALUES( 'HD003','VT02', 20, 55000)

INSERT CHITIETHOADON([MaHD],[MaVT],[SL],[GiaBan])

VALUES( 'HD004','VT03', 50000, 150)

INSERT CHITIETHOADON([MaHD],[MaVT],[SL],[GiaBan])

VALUES( 'HD004', 'VT04', 20000, 120)

INSERT CHITIETHOADON([MaHD],[MaVT],[SL],[GiaBan])

VALUES( 'HD005', 'VT05', 10, 30000)

INSERT CHITIETHOADON([MaHD],[MaVT],[SL],[GiaBan])

VALUES( 'HD006', 'VT04', 10000, 120)

INSERT CHITIETHOADON([MaHD],[MaVT],[SL],[GiaBan])

VALUES( 'HD007', 'VT04', 20000, 125)

INSERT CHITIETHOADON([MaHD],[MaVT],[SL],[GiaBan])

VALUES( 'HD008', 'VT01', 100, 55000)

INSERT CHITIETHOADON([MaHD],[MaVT],[SL],[GiaBan])

VALUES( 'HD009', 'VT02', 25, 48000)

INSERT CHITIETHOADON([MaHD],[MaVT],[SL],[GiaBan])

VALUES( 'HD010', 'VT01', 25, 57000)