-- Cau 1

create trigger themSV on SVIEN for insert as

declare @makhoa varchar(10)

if exists(select \* from Inserted I)

begin

rollback tran

return

end

if not exists(select @makhoa=MAKHOA

from KHOA K, Inserted I

where K.MAKHOA=I.MAKHOA)

begin

rollback tran

return

end

insert into SVIEN values('K28.0017',N'Nguyen Cong Phu','1','CNTT')

-- Cau 2

create procedure Cau2

@makhoa varchar(10)

as

begin

select SV.MASV, TENSV, avg(DIEM) DIEMTRUNGBINHCHUNG,

(case

when avg(DIEM) >= 5 then 'DAT'

else 'KHONG DAT' end) as 'KET QUA'

from SVIEN SV, KETQUA KQ

where SV.MASV = KQ.MASV and SV.MAKHOA = @makhoa

group by SV.MASV, TENSV, DIEMTRUNGBINHCHUNG

end

go

execute Cau2 'TOAN'

-- Cau 3

create function Cau3(@k int)

returns int

as

begin

declare @soluongsinhvien nvarchar(80);

select @soluongsinhvien = count(K.MAKHOA)

from KHOA K

where (select count(SV.MASV)

from SVIEN SV

where SV.MAKHOA = K.MAKHOA) > @k

return @soluongsinhvien;

end

go

select dbo.Cau3('3')

-- Cau 4

create function Cau4(@nguong int) returns table return

select SV.MASV, TENSV, avg(DIEM) as DIEMTRUNGBINH

from SVIEN SV, KETQUA KQ

where SV.MASV = KQ.MASV

group by SV.MASV, TENSV

having @nguong > avg(DIEM)

select \* from Cau4('5')