CREATE DATABASE quanlycongviec\_db

USE quanlycongviec\_db

--CÂU1

create table PHONGBAN (

ID int IDENTITY(1,1) primary key,

[TÊN PHÒNG BAN] nvarchar(100)

)

create table NHANSU (

ID int identity(1,1) primary key,

MANS nvarchar(100),

[HỌ ĐỆM] nvarchar(100),

[TÊN] nvarchar(100),

ID\_PHONGBAN int,

foreign key (ID\_PHONGBAN) references PHONGBAN(ID)

)

drop table PHONGBAN

drop table NHANSU

-- Phong ban

insert into PHONGBAN ([Tên Phòng Ban])

values (N'Phòng Tổng hợp')

insert into PHONGBAN ([Tên Phòng Ban])

values (N'Phòng Kế toán')

select \* from PHONGBAN

-- Nhan su

insert into NHANSU (MANS, [HỌ ĐỆM], [TÊN], ID\_PHONGBAN)

values ('NV01', N'Nguyễn Văn', N'Thái', 1)

insert into NHANSU (MANS, [HỌ ĐỆM], [TÊN], ID\_PHONGBAN)

values ('NV02', N'Trần Thị', N'Lê', 1)

insert into NHANSU (MANS, [HỌ ĐỆM], [TÊN], ID\_PHONGBAN)

values ('NV03', N'Quách Văn', N'Hải', 2)

insert into NHANSU (MANS, [HỌ ĐỆM], [TÊN], ID\_PHONGBAN)

values ('NV04', N'Thái Thị', N'Huệ', 2)

select \* from NHANSU

insert into [dbo].[NHANSU]([MANS],[HỌ ĐỆM],[TÊN],[ID\_PHONGBAN])

values (EncryptByPassPhrase('1','NV01'),EncryptByPassPhrase('1',N'Nguyễn Văn'),EncryptByPassPhrase('1',N'Thái'),EncryptByPassPhrase('1','1'))

insert into [dbo].[NHANSU]([MANS],[HỌ ĐỆM],[TÊN],[ID\_PHONGBAN])

values (EncryptByPassPhrase('2','NV02'),EncryptByPassPhrase('2',N'Trần Thị'),EncryptByPassPhrase('2',N'Lê'),EncryptByPassPhrase('2','1'))

insert into [dbo].[NHANSU]([MANS],[HỌ ĐỆM],[TÊN],[ID\_PHONGBAN])

values (EncryptByPassPhrase('3','NV03'),EncryptByPassPhrase('3',N'Quách Văn'),EncryptByPassPhrase('3',N'Hải'),EncryptByPassPhrase('3','2'))

insert into [dbo].[NHANSU]([MANS],[HỌ ĐỆM],[TÊN],[ID\_PHONGBAN])

values (EncryptByPassPhrase('4','NV04'),EncryptByPassPhrase('4',N'Thái Thị'),EncryptByPassPhrase('4',N'Huệ'),EncryptByPassPhrase('4','2'))

-- Cau 1:

-- a).

use quanlycongviec\_db

create login B with password='123456'

create login C with password='123456'

create user B for login B

create user C for login C

grant select, insert, delete, update on NHANSU to B

grant select, insert, delete, update on PHONGBAN to B

grant select, insert, update on PHONGBAN to C

-- b).

create view userc\_ketoan

as

select \* from NHANSU

where ID\_PHONGBAN=2

-- Cau 2:

--a).

-- add column ma hoa

alter table NHANSU

add mans\_mahoa varbinary(max)

alter table NHANSU

add hodem\_mahoa varbinary(max)

alter table NHANSU

add ten\_mahoa varbinary(max)

alter table NHANSU

add TÊN\_mahoa varbinary(max)

alter table NHANSU

add [Họ Đệm\_mahoa] varbinary(max)

alter table NHANSU

drop column [Họ Đệm\_mahoa]

-- remove column

alter table NHANSU

drop column MANS

alter table NHANSU

drop column [HỌ ĐỆM]

alter table NHANSU

drop column [TÊN]

update NHANSU

set mans\_mahoa = encryptbypassphrase('123', MANS)

update NHANSU

set hodem\_mahoa = encryptbypassphrase('123', [HỌ ĐỆM])

update NHANSU

set ten\_mahoa = encryptbypassphrase('123', [TÊN])

select \* from NHANSU

--b).

insert into NHANSU(mans\_mahoa, HọĐệm\_mahoa, ten\_mahoa)

values (ENCRYPTBYPASSPHRASE('123', '5'), ENCRYPTBYPASSPHRASE('123', N'Thành'),

ENCRYPTBYPASSPHRASE('123', N'Phát'))

select \* from NHANSU

-------

create login B with password ='123456'

create user B for login B

create role ABC

grant select on [HumanResources].[Department](Name, GroupName) to ABC

grant select on [HumanResources].[Department](Name, GroupName) to ABC with grant option

create procedure sp\_abc

as

begin

select \* from [Sales].[SalesReason]

end

grant execute on sp\_abc to ABC with grant option

select \* from [HumanResources].[Department]

create view v\_nhansu\_ketoan

as

select \* from NHANSU

select \* from v\_nhansu\_ketoan