CREATE DATABASE ASSIGNMENT1

USE ASSIGNMENT1

--Tao bang

--Câu 1:

CREATE TABLE PhongBan(

MaPhong int identity(1,1),

TenPB nvarchar(50),

CONSTRAINT PK\_PhongBan PRIMARY KEY (MaPhong)

)

--Câu 2:

CREATE TABLE NhanVien(

MaNV varchar(50) not null,

HoLot nvarchar(50) not null,

Ten nvarchar(50) not null,

NgaySinh date not null,

DiaChi nvarchar(100),

GioiTinh nvarchar(50) not null,

Luong decimal(18,0) not null,

MaPhongBan int not null,

CONSTRAINT PK\_NhanVien PRIMARY KEY (MaNV),

CONSTRAINT FK\_NhanVienPhongBan FOREIGN KEY (MaPhongBan) REFERENCES PhongBan(MaPhong)

)

--Câu 3:

ALTER TABLE NhanVien

ADD MaNVQL varchar(50)

ALTER TABLE NhanVien

ADD CONSTRAINT FK\_NhanVien FOREIGN KEY (MaNVQL) REFERENCES NhanVien(MaNV)

--Câu 4:

ALTER TABLE PhongBan

ADD MaTruongPhong varchar(50)

AlTER TABLE PhongBan

ADD CONSTRAINT FK\_PhongBan FOREIGN KEY (MaTruongPhong) REFERENCES NhanVien(MaNV)

ALTER TABLE PhongBan

ADD NgayNhanChuc date

--Câu 5:

ALTER TABLE PhongBan

ADD CONSTRAINT UK\_PhongBan UNIQUE (TenPB)

--Câu 6:

ALTER TABLE NhanVien

ADD CONSTRAINT CHK\_NhanVien CHECK (GioiTinh IN ('Nam', 'Nữ'))

--Câu 7:

ALTER TABLE PhongBan

ADD CONSTRAINT DF\_NgayNhanChuc DEFAULT GETDATE() FOR NgayNhanChuc

--Câu 8: Thêm dữ liệu

INSERT INTO PhongBan (TenPB)

VALUES

('Marketing'),

('Quan li nhan su')

INSERT INTO NhanVien(MaNV,HoLot,Ten,NgaySinh,DiaChi,GioiTinh,Luong,MaPhongBan)

VALUES

('D01','Cong','Thien','2000-3-3','Da Nang','Nam','10000000',1),

('D02','Ha','Thanh','2000-5-5','Da Nang','Nữ','11000000',2),

('D03','Van','An','2001-8-8','Ha Loi','Nam','12000000',1)

INSERT INTO NhanVien (MaNVQL)

VALUES ('D03')

INSERT INTO PhongBan(MaTruongPhong)

VALUES ('D01'),('D02')

--Câu 9:

UPDATE NhanVien

SET Luong = Luong \* 1.2

WHERE MaPhongBan = 1;

--Câu 10: Xóa được

DELETE FROM PhongBan WHERE MaPhong = 1