Assignment 2\_ Option 2

Question 1:

a)

CREATE TABLE EMPLOYEE

(

EmpNo int primary key,

EmpName nvarchar(50),

BirthDay datetime,

DeptNo int,

MgrNo int not null,

StartDate datetime ,

Salary money,

Level int ,

Status int,

Note nvarchar(100)

)

b)

CREATE TABLE SKILL

(

SkillNo int primary key,

SkillName nvarchar(50),

Note nvarchar(100)

)

c)

CREATE TABLE DEPARTMENT

(

DeptNo int primary key,

DeptName nvarchar(50),

Note nvarchar(100)

)

d)

CREATE TABLE EMP\_SKILL

(

SkillNo int foreign key (SkillNo) references SKILL(SkillNo) not null,

EmpNo int foreign key (EmpNo) references EMPLOYEE(EmpNo) not null,

SkillLevel int ,

RegDate Datetime,

Description nvarchar(100),

constraint PK\_ES primary key (SkillNo,EmpNo)

)

Question 2:

a)

ALTER TABLE EMPLOYEE ADD Email nvarchar(50)

ALTER TABLE EMPLOYEE ADD CONSTRAINT uniqe\_Email UNIQUE(Email)

b)

ALTER TABLE EMPLOYEE ADD CONSTRAINT def\_value DEFAULT 0 FOR MgrNo

Question 3:

a)

ALTER TABLE EMPLOYEE ADD CONSTRAINT FK\_DeptNo FOREIGN KEY (DeptNo) REFERENCES DEPARTMENT(DeptNo)

b)

ALTER TABLE EMP\_SKILL DROP COLUMN Description

Question 4:

a)

INSERT INTO DEPARTMENT VALUES (1, N'Nhân sự',N'Quản lý nhân sự')

INSERT INTO DEPARTMENT VALUES (2, N'Marketing',N'PR, Marketting')

INSERT INTO DEPARTMENT VALUES (3, N'Tài chính',N'Quản lý tài chính')

INSERT INTO DEPARTMENT VALUES (4, N'Kế toán', N'kế toán')

INSERT INTO DEPARTMENT VALUES (5, N'Software Develop',N'phát triển phần mềm')

INSERT INTO DEPARTMENT VALUES (6, N'Game Develop',N'Phát triển game')

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INSERT INTO EMPLOYEE VALUES (1, N'Trần Dương Dương', 16/04/1991,1, 2, 25/06/2012, 8000000, 4, 0, N'Nhân viên',N'duongduong@gmail.com')

INSERT INTO EMPLOYEE VALUES (2, N'Trần Đình Phong', 16/04/1991,1, 2, 25/06/2012, 9000000, 4, 0, N'Trưởng phòng',N'dinhphong@gmail.com')

INSERT INTO EMPLOYEE VALUES (3, N'Nguyễn Sơ Nguyên', 16/04/1991,1, 2, 25/06/2014, 7000000, 4, 0,N'ok', N'songuyen@gmail.com')

INSERT INTO EMPLOYEE VALUES (4, N'Trần Đình Hạo', 16/04/1991,1, 2, 25/06/2012, 9000000, 4, 0, N'intelligent',N'haohao@yahoo.com')

INSERT INTO EMPLOYEE VALUES (5, N'Nguyễn Bách Thảo', 16/04/1993,1, 2, 25/06/2012, 9000000, 4, 0, N'good',N'bachthao@gmail.com')

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INSERT INTO SKILL VALUES( 1,N'Thuyết trình',N'bắt buộc')

INSERT INTO SKILL VALUES( 2,N'Đàm phán',N'Quản lý')

INSERT INTO SKILL VALUES( 3,N'Lập trình',N'Developer')

INSERT INTO SKILL VALUES( 4,N'Test',N'Tester')

INSERT INTO SKILL VALUES( 5,N'Design',N'Developer,Manager,Designer')

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INSERT INTO EMP\_SKILL VALUES (1,2,2,1/2/2009)

INSERT INTO EMP\_SKILL VALUES (2,2,2,1/2/2009)

INSERT INTO EMP\_SKILL VALUES (3,5,2,1/2/2009)

INSERT INTO EMP\_SKILL VALUES (4,5,2,1/2/2007)

INSERT INTO EMP\_SKILL VALUES (5,3,2,1/2/2008)

b)

CREATE VIEW EMPLOYEE\_TRACKING

AS

SELECT EmpNo, EmpName, Level

FROM EMPLOYEE

WHERE Level >=3 and Level <=5