**Bài 1:**

use master

go

create database MarkManagement

on primary(

name='MarkManagement', filename='D:\MarkManagement.mdf',

size=5MB, maxsize=50MB, filegrowth=2MB

)

log on(

name='MarkManagement', filename='D:\MarkManagement.ldf',

size=5MB, maxsize=50MB, filegrowth=10%

)

go

use MarkManagement

go

create table Students(

StudentID Nvarchar(12) not null primary key,

StudentName Nvarchar(25) not null,

DateofBirth Datetime not null,

Email Nvarchar(40),

Phone Nvarchar(12),

Class Nvarchar(10),

)

create table Subjects(

SubjectID Nvarchar(10) not null primary key,

SubjectName Nvarchar(25) not null,

)

create table Mark(

StudentID Nvarchar(12) not null,

SubjectID Nvarchar(10) not null,

Dates Datetime,

Theory Tinyint,

Practical Tinyint,

constraint PK\_Mark primary key(StudentID, SubjectID),

constraint fk\_Mark\_Students foreign key(StudentID) references Students(StudentID)

on delete cascade on update cascade,

constraint fk\_Mark\_Subjects foreign key(SubjectID) references Subjects(SubjectID)

on delete cascade on update cascade,

)

-----

insert into Students values('AV0807005', N'Mai Trung Hiếu', N'11/10/1989', N'trunghieu@yahoo.com', N'0904115116', N'AV1')

insert into Students values('AV0807006', N'Nguyễn Quý Hùng', N'2/12/1989', N'quyhung@yahoo.com', N'090455516', N'AV1')

insert into Students values('AV0807007', N'Đỗ Đắc Huỳnh', N'11/10/1989', N'dachuynh@yahoo.com', N'0904187878', N'AV1')

insert into Students values('AV0807008', N'An Đăng Khuê', N'11/10/1989', N'dangkhue@yahoo.com', N'0904115446', N'AV1')

insert into Students values('AV0807009', N'Nguyễn Thị Tuyết Lan', N'11/10/1989', N'tuyetlan@yahoo.com', N'0904115116', N'AV1')

insert into Students(StudentID, StudentName, DateofBirth, Email, Class) values('AV0807010', N'Đinh Phụng Long', N'11/10/1989', N'phunglong@yahoo.com', N'AV1')

insert into Students(StudentID, StudentName, DateofBirth, Email, Class) values('AV0807012', N'Nguyễn Tuấn Nam', N'11/10/1989', N'tuannam@yahoo.com', N'AV1')

----

insert into Subjects values('S001', N'SQL')

insert into Subjects values('S002', N'Java Simplefiled')

insert into Subjects values('S003', N'Active Server Page')

-----

insert into Mark values('AV0807005', 'S001', 8, 25, 6/5/2008)insert into Mark values('AV0807006', 'S002', 16, 30, 6/5/2008)insert into Mark values('AV0807007', 'S001', 10, 25, 6/5/2008)insert into Mark values('AV0807009','S003', 7, 13, 6/5/2008)insert into Mark values('AV0807010','S003',9 ,16 , 6/5/2008)insert into Mark values('AV0807011', 'S002', 8, 30, 6/5/2008)insert into Mark values('AV0807012', 'S001',7 ,31 , 6/5/2008)insert into Mark values('AV0807005', 'S002',12 ,11, 6/6/2008)insert into Mark values('AV0807009', 'S003',11 ,20 , 6/6/2008)

insert into Mark values('AV0807010', 'S001', 7, 6, 6/6/2008)

select \* from Students

select \* from Subjects

select \* from Mark

**Bài 2:**

--- tao database

use master

go

create database DeptEmp

on primary(

name='DeptEmp', filename='D:\DeptEmp.mdf',

size=5MB, maxsize=50MB, filegrowth=2MB

)

log on(

name='DeptEmp', filename='D:\DeptEmp.ldf',

size=5MB, maxsize=50MB, filegrowth=10%

)

go

use DeptEmp

go

--- tao bang

create table Department(

DepartmentNo integer not null primary key,

DepartmentName char(25) not null,

Location char(25) not null,

)

create table Employee(

EmpNo integer not null primary key,

Fname varchar(15) not null,

Lname varchar(15) not null,

Job varchar(25) not null,

HireDate datetime not null,

Salary numeric not null,

Commision numeric,

DepartmentNo integer,

constraint fk\_Employee\_Department foreign key(DepartmentNo) references Department(DepartmentNo )

on delete cascade on update cascade

)

----------

insert into Department values(10, 'Accounting', 'Melbourne')

insert into Department values(20, 'Research', 'Adealide')

insert into Department values(30,'Sales' ,'Sydney')

insert into Department values(40, 'Operations', 'Perth')

--------

insert into Employee(EmpNo,Fname, Lname, Job, HireDate, Salary, DepartmentNo) values(1, 'John', 'Smith', 'Clerk', N'17-Dec-1980' ,800, 20)

insert into Employee values(2,'Peter','Allen','Salesman', '20-Feb-1981', 100, 300 ,30)

insert into Employee values(3, 'Kate', 'Ward', 'Salesman', '22-Feb-1981', 1250 ,500, 30)

insert into Employee(EmpNo,Fname, Lname, Job, HireDate, Salary, DepartmentNo) values(4,'Jack' ,'Jones', 'Manager', '02-Apr-1981' ,2975, 20)

insert into Employee values(5,'Joe', 'Martin', 'Salesman', '28-Sep-1981', 1250, 1400, 30)

---------hien bang

select \* from Department

select \* from Employee