Create database QUANLYDIEMSV

USE QUANLYDIEMSV

CREATE TABLE DMKHOA

(

MAKHOA CHAR (2) PRIMARY KEY NOT NULL,

TEANKHOA NVARCHAR (30) NOT NULL

)

CREATE TABLE DMSV

(

MASV CHAR(3) PRIMARY KEY NOT NULL,

HOSV NVARCHAR(30),

TENSV NVARCHAR(20),

PHAI INT,

NGSINH DATETIME,

NOISINH NVARCHAR (25),

MAKHOA CHAR (2) CONSTRAINT rb\_makhoa FOREIGN KEY (MAKHOA) REFERENCES DMKHOA(MAKHOA),

HOCBONG FLOAT ,

)

CREATE TABLE DMMH

(

MAMH CHAR(2)PRIMARY KEY NOT NULL,

TENMH NVARCHAR (30),

SOTIET INT

)

CREATE TABLE KETQUA

(

MASV CHAR(3) NOT NULL,

MAMH CHAR (2) NOT NULL,

LANTHI INT NOT NULL,

DIEM DECIMAL (4,2),

CONSTRAINT RB\_KHOACHINH PRIMARY KEY (MASV,MAMH,LANTHI),

CONSTRAINT RB\_SINHVIEN FOREIGN KEY (MASV) REFERENCES DMSV(MASV),

CONSTRAINT RB\_MOHOC FOREIGN KEY (MAMH) REFERENCES DMMH(MAMH),

)

INSERT INTO DMKHOA VALUES ('AV',N'Anh Văn')

INSERT INTO DMKHOA VALUES ('TH',N'Tin Học')

INSERT INTO DMKHOA VALUES ('TR',N'Triết Học')

INSERT INTO DMKHOA VALUES ('VL',N'Vật Lý')

INSERT INTO DMMH VALUES ('01',N'Cơ sở dữ liệu','45')

INSERT INTO DMMH VALUES ('02',N'Trí tuệ nhân tạo','45')

INSERT INTO DMMH VALUES ('03',N'Truyền tinh','45')

INSERT INTO DMMH VALUES ('04',N'Đồ họa','60')

INSERT INTO DMMH VALUES ('05',N'Văn phạm','60')

INSERT INTO DMMH VALUES ('06',N'Kỹ thuật lập trình','45')

INSERT INTO DMSV VALUES ('A01',N'Nguyễn Thị',N'Hải','1','2/23/1993',N'Hà Nội','TH','130000')

INSERT INTO DMSV VALUES ('A02',N'Trần Văn',N'Chính','0','12/24/1992',N'Bình Định','VL','150000')

INSERT INTO DMSV VALUES ('A03',N'Lê Thu Bạch',N'Yến','1','02/21/1993',N'Tp HCM','TH','170000')

INSERT INTO DMSV VALUES ('A04',N'Trần Anh',N'Tuấn','0','12/20/1994',N'Hà Nội','AV','80000')

INSERT INTO DMSV VALUES ('B01',N'Trần Thanh',N'Mai','1','08/12/1993',N'Hải Phòng','TR','0')

INSERT INTO DMSV VALUES ('B02',N'Nguyễn Thị Thu',N'Thủy','1','01/02/1994',N'Tp HCM','AV','0')

INSERT INTO KETQUA VALUES ('A01','01','1','3')

INSERT INTO KETQUA VALUES ('A01','01','2','6')

INSERT INTO KETQUA VALUES ('A01','02','2','6')

INSERT INTO KETQUA VALUES ('A01','05','1','5')

INSERT INTO KETQUA VALUES ('A02','01','1','4.5')

INSERT INTO KETQUA VALUES ('A02','01','2','7')

INSERT INTO KETQUA VALUES ('A02','03','1','10')

INSERT INTO KETQUA VALUES ('A02','05','1','9')

INSERT INTO KETQUA VALUES ('A03','01','1','2')

INSERT INTO KETQUA VALUES ('A03','01','2','5')

INSERT INTO KETQUA VALUES ('A03','03','1','2.5')

INSERT INTO KETQUA VALUES ('A03','03','2','4')

INSERT INTO KETQUA VALUES ('A04','05','2','10')

INSERT INTO KETQUA VALUES ('B01','01','1','7')

INSERT INTO KETQUA VALUES ('B01','03','1','2.5')

INSERT INTO KETQUA VALUES ('B01','03','2','5')

INSERT INTO KETQUA VALUES ('B02','02','1','6')

INSERT INTO KETQUA VALUES ('B02','04','1','10')

select MAMH AS 'Mã\_môn',TENMH as 'Tên\_môn',SOTIET as 'Số\_tiết'

From DMMH

Where TENMH LIKE N'T%'

select MASV AS 'Mã\_sinh\_viên',TENSV as 'Tên\_sinh\_viên',NGSINH as 'Ngày\_sinh',PHAI AS 'Phái'

From DMSV

Where TENSV LIKE N'%i'

select MAKHOA AS 'Mã\_khoa',TEANKHOA as 'Tên\_khoa'

From DMKHOA

Where TEANKHOA LIKE N'\_n%'

select MASV AS 'Mã\_sinh\_viên',HOSV as 'Họ\_sinh\_viên',TENSV as 'Tên\_sinh\_viên',NGSINH as 'Ngày\_sinh',PHAI AS 'Phái'

From DMSV

Where HOSV LIKE N'%Thị%'

select MASV AS 'Mã\_sinh\_viên',HOSV as 'Họ\_sinh\_viên',TENSV as 'Tên\_sinh\_viên',NGSINH as 'Ngày\_sinh',PHAI AS 'Phái',HOCBONG as 'Học\_bổng'

From DMSV

Where TENSV between N'A%'and N'M%'

select MASV AS 'Mã\_sinh\_viên',HOSV as 'Họ\_sinh\_viên',TENSV as 'Tên\_sinh\_viên',NGSINH as 'Ngày\_sinh',PHAI AS 'Phái',HOCBONG as 'Học\_bổng'

From DMSV

Where NGSINH between '01/01/1992'and '05/06/1993'

select S.MASV,S.HOSV,S.TENSV,S.NGSINH,K.TEANKHOA,S.HOCBONG

FROM DMSV AS S, DMKHOA AS K

WHERE HOCBONG BETWEEN 80000 AND 150000 AND S.MAKHOA=K.MAKHOA

select S.MASV,S.TENSV,S.PHAI,

FROM DMSV AS S, DMKHOA AS K

WHERE S.MAKHOA=K.MAKHOA AND S.PHAI =1 AND (TEANKHOA=N'Anh Văn'or TEANKHOA = N'Tin Học')

SELECT S.MASV ,S.TENSV ,S.PHAI,Q.DIEM

from KETQUA AS Q,DMSV AS S

WHERE Q.MASV=S.MASV AND Q.MAMH='01' AND Q.DIEM <5

SELECT S.MASV ,S.TENSV ,K.TEANKHOA,S.NOISINH,S.HOCBONG

from DMSV AS S,DMKHOA AS K

WHERE K.MAKHOA=S.MAKHOA AND K.MAKHOA='AV' AND S.HOCBONG =0

select S.HOSV+' '+ S.TENSV, S.NGSINH, S.NOISINH

FROM DMSV AS S

WHERE TENSV LIKE '%[a-m]%'

order by TENSV ASC