

```

CREATE VIEW LAB5_Credit AS
SELECT student.StdID,StdFName,StdLName,sum(Credit) as TotalCredit,count(student.stdid)
FROM Student,Register,Subject
where Student.StdID = Register.StdID
and Register.SubjCode = Subject.SubjCode
GROUP BY Student.StdID,StdFName,StdLName
ORDER BY Student.StdID ASC;
สร้างวิว

```

Group by ใช้สำหรับกำหนดค่าที่จะแสดงในตาราง  
Where สำหรับการเชื่อมตารางและกำหนดค่าที่จะแสดงได้ด้วย  
Order BY ใช้สำหรับจัดลำดับ

```

CREATE VIEW LAB5_RegFee AS
SELECT student.StdID,StdFName,StdLName,semester,year,sum(Credit) as
TotalCredit,sum(Credit*1000) as RegFee
FROM Student,Register,Subject
where Student.StdID = Register.StdID
and Register.SubjCode = Subject.SubjCode
GROUP BY Student.StdID,StdFName,StdLName,semester,year
ORDER BY Student.StdID ASC;

```

```

CREATE view LAB5_GPA as
select Student.Stdid,student.StdFName,student.StdLName,sum(grade*credit)/sum(credit) as
GPA
FROM Student,Register,Subject
where Student.StdID = Register.StdID
and Register.SubjCode = Subject.SubjCode
GROUP BY Student.StdID,student.StdFName,student.StdLName
ORDER BY GPA ASC;

```

```

INSERT INTO student (stdid,stdfname,stdlname,StdAddress,dcode,fcode,TCODE)
VALUES('563020197-5','กฤษดา','โสมายัง','123 จ.ขอนแก่น','D03','F01','T01');

```

```

INSERT INTO student (stdid,stdfname,stdlname,StdAddress,dcode,fcode)
VALUES('563020200-2','ขวัญข้าว ','เสียงเลิศ','11 จ.ขอนแก่น','D03','F01');

```

```

INSERT INTO student (stdid,stdfname,stdlname,StdAddress,dcode,fcode)
VALUES('563020205-2','ชนิกา ','ปัญญาจันทร์สิงห์','15 จ.ขอนแก่น','D03','F01');

```

```

INSERT INTO student (stdid,stdfname,stdlname,StdAddress,dcode,fcode)

```

```
VALUES('563020206-0','ชนัญชิตา','อินทะสร้อย','16 จ.ขอนแก่น','D03','F01');
```

```
INSERT INTO student (stdid,stdfname,stdlname,StdAddress,dcode,fcode,TCODE)  
VALUES('563020197-5','กฤษดา','โสมมายัง','123 จ.ขอนแก่น','D03','F01','T01');
```

```
CREATE view LAB5_GPA_Outer as  
select Student.Stdid,student.StdFName,student.StdLName,sum(grade*credit)/sum(credit) as  
GPA  
FROM Student,Register,Subject  
where Student.StdID = Register.StdID(+)  
and Register.SubjCode = Subject.SubjCode(+)  
GROUP BY Student.StdID,student.StdFName,student.StdLName  
ORDER BY GPA ASC;
```

```
CREATE view LAB5_GPA as  
select Student.Stdid,student.StdFName,student.StdLName,sum(grade*credit)/sum(credit) as  
GPA  
FROM Student,Register,Subject  
where Student.StdID = Register.StdID  
and Register.SubjCode = Subject.SubjCode  
GROUP BY Student.StdID,student.StdFName,student.StdLName  
ORDER BY GPA ASC;
```

```
CREATE view LAB5_Teacher_Outer as  
select Student.Stdid,student.StdFName,student.StdLName,teacher.tcode,tfname,tlname  
FROM Student,teacher  
where student.tcode= teacher.tcode(+)  
GROUP BY Student.StdID,student.StdFName,student.StdLName,teacher.tcode,tfname,tlname  
ORDER BY teacher.tcode ASC;
```