**นายอภิชัย ศิริมาศ 613020537-2 sec 1**

1.

Create view ASS9\_GPA as select student.stdid, student.stdname, student.stdlname, sum(register.grade\*subject.credit)/sum(subject.credit) as GPA

from student join register on (student.stdid = register.stdid) join subject on (register.subjcode = subject.subjcode)

group by student.stdid, student.stdname, student.stdlname

order by sum(register.grade\*subject.credit)/sum(subject.credit) desc;

select \* from ASS9\_GPA;

2.

create view ASS9\_RegFee as select student.stdid, student.stdname, student.stdlname, register.semester, register.year, sum(subject.credit) as TotalCredit, sum(subject.credit)\*1000 as RegFee

from student join register on (student.stdid = register.stdid) join subject on (register.subjcode = subject.subjcode)

group by student.stdid, student.stdname, student.stdlname, register.semester, register.year

order by student.stdid;

select \* from ASS9\_RegFee;

3.

create view ASS9\_BookName as

select bookid, bookname, bookprice, bookamount

from book

where bookprice < (select bookprice from book where bookname = ‘Basic iOS App Development’)

order by bookid;

select \* from ASS9\_BookName;

4.

create view ASS9\_Borrow\_Min as

select student.stdid, student.stdname, book.bookname

from student join borrow on (student.stdid = borrow.stdid) join book on (borrow.bookid = book.bookid)

where book.bookprice = (select max(bookprice) from book)

order by student.stdid;

select \* from ASS9\_Borrow\_Min;

5.

create view LAB9\_Borrow\_P as

select student.stdid, student.stdname, book.bookname

from student join borrow on (student.stdid = borrow.stdid) join book on (borrow.bookid = book.bookid)

where book.bookprice < all(select bookprice from book where bookname like ‘P%’)

order by student.stdid;

select \* from LAB9\_Borrow\_P;