```
8-2
create table test8_02
( sid char(12),
name varchar2(10),
dname varchar2(30),
ds_score numeric(10, 1),
os_score numeric(10, 1)

insert into test8_02(sid,name,dname)
(select sid,name,dname
from pub.STUDENT natural join pub.STUDENT_COURSE

where dname='计算机科学与技术学院' and cid=(select cid

from pub.COURSE where name='数据结构')

intersect
select sid,name,dname
from pub.STUDENT natural join pub.STUDENT_COURSE

where dname='计算机科学与技术学院' and cid=(select cid

from pub.COURSE where name='操作系统'))


update test8_02 t
set ds_score=(select max(score)
from pub.STUDENT_COURSE natural join pub.COURSE

where pub.STUDENT_COURSE.sid=t.sid and name='数据结构'

group by sid)

    update test8_02 t
    set os_score=(select max(score)
    from pub.STUDENT_COURSE natural join pub.COURSE

    where pub.STUDENT_COURSE.sid=t.sid and name='操作系统'

    group by sid)

8-3
create table test8_03
( sid char(12),
name varchar2(10),
dname varchar2(30),
ds_score numeric(10, 1),
```

```
os_score numeric(10, 1) )
insert into test8_03(sid,name,dname)
(select sid,name,dname
from pub.STUDENT natural join pub.STUDENT_COURSE

where dname='计算机科学与技术学院' and cid=(select cid

from pub.COURSE where name='数据结构')

union
select sid,name,dname
from pub.STUDENT natural join pub.STUDENT_COURSE

where dname='计算机科学与技术学院' and cid=(select cid

from pub.COURSE where name='操作系统'))


update test8_03 t
set ds_score=(select max(score)
from pub.STUDENT_COURSE natural join pub.COURSE

where pub.STUDENT_COURSE.sid=t.sid and name='数据结构'

group by sid)
update test8_03 t
set os_score=(select max(score)
from pub.STUDENT_COURSE natural join pub.COURSE

where pub.STUDENT_COURSE.sid=t.sid and name='操作系统'

group by sid)

8—1
create table haha as select max(score) max_score,sid
from pub.STUDENT_COURSE natural join pub.COURSE

where name='数据结构'

group by sid

create table test8_01(dname varchar(20),avg_ds_score int,avg_os_score int)
insert into test8_01(dname)
select distinct dname
from pub.STUDENT
where dname is not null
update test8_01 t
set avg_ds_score=(select round(avg(max_score),0)
from pub.STUDENT natural join haha
```

```
where t.DNAME=pub.student.dname
group by dname);
update test8_01 t
set avg_os_score=(select round(avg(max_score),0)
from pub.STUDENT natural join ha
where t.DNAME=pub.student.dname
group by dname);
```