# 实验二

01

```
select sid, name from pub.STUDENT where sid
not in
(select sid from pub.STUDENT_COURSE)
```

02

```
create table test2_02 as
select c.SID, c.NAME from pub.STUDENT_COURSE a, pub.STUDENT_COURSE b, pub.STUDENT c
where a.SID = '200900130417'  and a.CID = b.CID and b.SID = c.SID
```

03

```
create table test2_03 as
select c.SID, c.NAME from pub.COURSE a, pub.STUDENT_course b, pub.STUDENT c
where a.FCID = '300002' and b.SID = c.SID and a.CID = b.CID
```

04

```
create table test2_04 as
select e.SID, e.NAME from pub.STUDENT_COURSE a natural join pub.COURSE b, pub.STUDENT_COURSE c natural join pub.COURSE d, pub.STUDENT e
where b.NAME = '操作系统' and d.NAME = '数据结构' and a.sid = c.sid and e.SID = a.sid
```

05

```
create table test2_05 as
select a.SID, a.NAME, round(avg(b.SCORE),0) avg_score, sum(b.SCORE) sum_score from pub.STUDENT a, pub.student_course b
where a.AGE = 20 and b.SID = a.SID
group by a.SID, a.NAME
```

06

```
create table test2_06 as
select cid, max(score) max_score from pub.student_course
group by cid
```

07

```
create table test2_07 as
select sid, name from pub.STUDENT
where sid
not in
(select sid from pub.student
```

```
where name like '李' or name like '张' or name like '王%')
```

08

```
create table test2_08 as
select substr(name, 1, 1) second_name, count(*) p_count from pub.STUDENT
group by substr(name, 1, 1)
```

09

```
create table test2_09 as
select * from pub.STUDENT natural join pub.STUDENT_COURSE
where cid = '300003'
```

10

```
create table test2_10 as select sid, name
from pub.student
where sid in (select sid from (select * from pub.student_course where score < 60)
                    group by sid, cid
                    having count(*) > 1)
```