

3-1

```
create table test3_01 as select sid,name,sex,age,birthday,dname,class
from pub.STUDENT_31
where substr(sid,1,1) in ('0','1','2','3','4','5','6','7','8','9')
and substr(sid,2,1) in ('0','1','2','3','4','5','6','7','8','9')
and substr(sid,3,1) in ('0','1','2','3','4','5','6','7','8','9')
and substr(sid,4,1) in ('0','1','2','3','4','5','6','7','8','9')
and substr(sid,5,1) in ('0','1','2','3','4','5','6','7','8','9')
and substr(sid,6,1) in ('0','1','2','3','4','5','6','7','8','9')
and substr(sid,7,1) in ('0','1','2','3','4','5','6','7','8','9')
and substr(sid,8,1) in ('0','1','2','3','4','5','6','7','8','9')
and substr(sid,9,1) in ('0','1','2','3','4','5','6','7','8','9')
and substr(sid,10,1) in ('0','1','2','3','4','5','6','7','8','9')
and substr(sid,11,1) in ('0','1','2','3','4','5','6','7','8','9')
and substr(sid,12,1) in ('0','1','2','3','4','5','6','7','8','9')
```

//这些数字要加单引号。

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```
create table test3_02 as select sid,name,sex,age,birthday,dname,class
from pub.STUDENT_31
where extract(year from birthday)=2012-age;
```

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```
create table test3_03 as (select sid,name,sex,age,birthday,dname,class
from pub.STUDENT_31
where sex in('男','女'))
union
(select sid,name,sex,age,birthday,dname,class
from pub.STUDENT_31
where sex is null);
```

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```
select sid,name,sex,age,birthday,dname,class
from pub.STUDENT_31
where instr(dname,' ')=0 and length(dname)>2
minus
select sid,name,sex,age,birthday,dname,class
from pub.STUDENT_31
where dname is null;
```

//oracle 中没有 except 语句，而是 minus，且不用加括号

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```
create table test3_05 as select sid,name,sex,age,birthday,dname,class
from pub.STUDENT_31
where length(class)=4;
```

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```
(select * from pub.STUDENT_31 where regexp_like(sid,'^[0-9]+[0-9]$'))

intersect
(select *
from pub.student_31
where age = 2012 - extract(year from birthday))
intersect
(select *
from pub.student_31
where sex in ('男','女')
or sex is null)
intersect
(select * from pub.STUDENT_31
minus
((SELECT * FROM pub.student_31 where REGEXP_LIKE(dname, '()+'))
union
(select * from pub.student_31 where dname is null)
union
(select * from pub.student_31 where length(dname)<3)))
intersect
(select * from pub.STUDENT_31 where substr(class,5,1) is null)
intersect
(select * from pub.STUDENT_31
minus
((SELECT * FROM pub.student_31 where REGEXP_LIKE(name, '()+'))
union
(select * from pub.student_31 where length(name)<2)))
```

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```
create table test3_07 as select *
from pub.STUDENT_COURSE_32
where sid in (select sid
from pub.STUDENT);
```

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```
create table test3_08 as select sid, cid, score, tid
from pub.STUDENT_COURSE_32 natural join pub.TEACHER_COURSE
```

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```
create table test3_09 as select *  
from pub.STUDENT_COURSE_32  
where instr(score,'-')=0 and score<101;
```

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```
create table test3_10 as select *  
from test3_07 natural join test3_08 natural join test3_09  
where cid in (select cid from pub.COURSE) and tid in (select tid from pub.TEACHER);
```