

注释：

1. -- 单行注释

2. /*

多行注释

*/

建表：

1. 建表在每一列后加上约束：

```
create table test_student(
```

```
    stu_id number(10) primary key,
```

```
    stu_name varchar2(255) not null (只能在每一列加上),
```

```
    stu_no varchar2(11) not null unique,
```

```
    email varchar2(100),
```

```
    sex number(1),
```

```
    age number(3),
```

```
    cid number(10)
```

```
)
```

2. 建表在每一列后加上约束

a. 添加自定义约束：

```
create table test_student(
```

```
    stu_id number(10) primary key,
```

```
    stu_name varchar2(255) not null (只能在每一列加上),
```

```
    stu_no varchar2(11) not null unique,
```

```
    email varchar2(100),
```

```
    sex number(1),
```

```
    age number(3),
```

```
        constraint sex_ck check (sex =0 or sex = 1),  
        constraint age_ck check (age>=0 and age<120)  
    )
```

b. 添加外键约束

```
create table test_class_info(  
    cid number(10) primary key,  
    cname varchar2(255) not null  
)
```

```
create table test_student(  
    stu_id number(10) primary key,  
    stu_name varchar2(255) not null,  
    stu_no varchar2(11) not null unique,  
    email varchar2(100),  
    sex number(1),  
    age number(3),  
    cid number(10),  
    -- 外键约束
```

```
        constraint student_fk foreign key(cid)  
referencing test_class_info(cid)  
)
```

单独语句删除外键:

```
alter table test_student drop constraint student_fk;
```

单独语句添加外键:

```
alter table test_student add constraint student_fk  
foreign key(cid) ;
```

修改外键关系：

```
update test_student set cid=1 where stu_id=1
```

外键的级联：

restrict(no action) 默认，代表无法删除

set null:删除主表后，副表的外键值为null

cascade: 一起删除

例子：

```
alter table test_student add constraint student_fk  
foreign key(cid) set null;(或者cascade, 不写为restrict(no  
action))
```