

计算机科学与技术学院 数据库系统 课程实验报告

实验题目：综合查询		学号：201600301291
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实验目的： 综合使用 sql 语句		
实验软件和硬件环境： Windows10 操作系统，实验提供的数据库操作平台		
实验步骤：（不要求罗列完整源代码） <pre> create table test7_01(First_name varchar(4), frequency numeric(4)) create or replace view a as select substr(name,2) First_name from pub.student create or replace view b as select First_name ,count(First_name) frequency from a group by First_name insert into test7_01(First_name, frequency) select * from b create or replace view a as (select substr(name,2,1) letter from pub.student union all select substr(name,3,1) letter from pub.student where substr(name,3,1)is not null) create or replace view b as select letter ,count(letter) frequency from a group by letter insert into test7_02(letter, frequency) select * from b create table test7_03(Dname varchar(30), class varchar(10), P_count1 Int, P_count2 int, P_count int) create or replace view a(Dname,class,c) as (select Dname,class,count(sid) from pub.STUDENT where dname is not null group by dname ,class) create or replace view b(Dname,class,sid,sum_credit) as (select s.Dname,s.class,s.sid,sum(c.credit) from </pre>		

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pub.student s, pub.STUDENT_COURSE sc, pub.COURSE c where sc.SCORE>=60
and s.sid=sc.sid and c.CID=sc.cid and s.DNAME is not null group by
s.DNAME,s.CLASS,s.SID)
create or replace view c(Dname,class,c1) as (select Dname,class,count(*)
from
b where sum_credit>=10
group by dname,class)

create or replace view d(Dname,class,c1,c) as (select Dname,class,c1,c
from a natural
full outer join c)

create or replace view e(Dname,class,c1,c2,c) as (select
Dname,class,c1,c-c1,c from d)
insert into test7_03(dname,class,p_count1,p_count2,p_count) select *
from e
update test7_03
set P_count2=p_count
where p_count2 is null
update test7_03
set P_count1=0
where p_count1 is null


create table test7_04(Dname varchar(30),
class varchar(10),
P_count1 Int,
P_count2 int,
P_count int)

create or replace view c(Dname,class,c1) as (select Dname,class,count(*)
from
b where (sum_credit>=10 and class>2008) or(sum_credit>=8 and class
<=2008)
group by dname,class)
create or replace view d(Dname,class,c1,c) as (select Dname,class,c1,c
from a natural
full outer join c)
create or replace view e(Dname,class,c1,c2,c) as (select
Dname,class,c1,c-c1,c from d)

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insert into test7_04(dname,class,p_count1,p_count2,p_count) select *  
from e  
update test7_04  
set P_count2=p_count  
where p_count2 is null  
update test7_04  
set P_count1=0  
where p_count1 is null
```