**任课教师：张涵翠、霍戌文**

**《数据库系统实训》**

**（2021-2022学年第2学期）**

**实**

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**告**

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**实验四：视图**

**第二十二章---视图**

**第一部分：样例库的应用**

**1）**CREATE VIEW productcustomers AS

SELECT cust\_name,cust\_contact,prod\_id

FROM customers,orders,orderitems

WHERE customers.cust\_id = orders.cust\_id

AND orderitems.order\_num = orders.order\_num;

SELECT cust\_name,cust\_contact

FROM productcustomers

WHERE prod\_id = 'TNT2' ;



**2）**CREATE VIEW vendorlocations AS

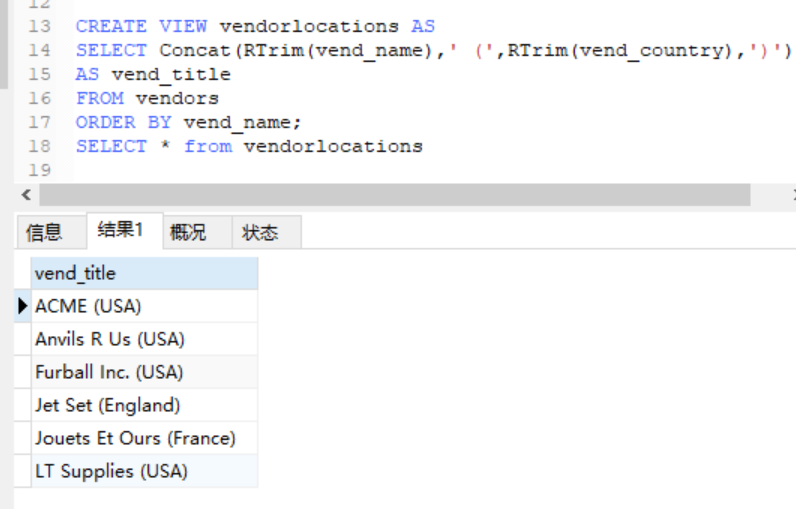
SELECT Concat(RTrim(vend\_name),' (',RTrim(vend\_country),')')

AS vend\_title

FROM vendors

ORDER BY vend\_name;

SELECT \* from vendorlocations



**3）**CREATE VIEW customeremaillist AS

SELECT cust\_id,cust\_name,cust\_email FROM customers

WHERE cust\_email IS NOT NULL;

select \* from customeremaillist



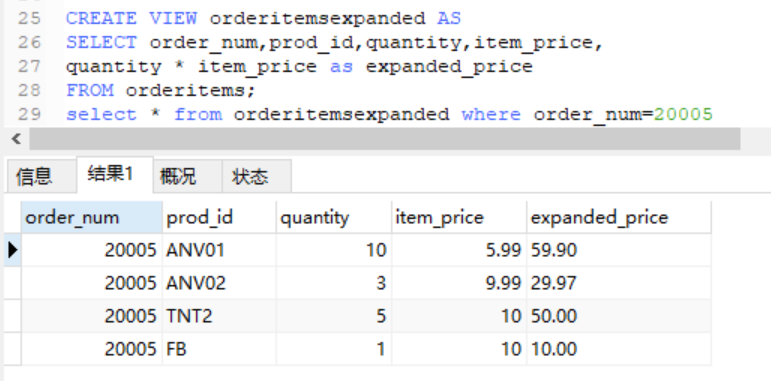
**4）**CREATE VIEW orderitemsexpanded AS

SELECT order\_num,prod\_id,quantity,item\_price,

quantity \* item\_price as expanded\_price

FROM orderitems;

select \* from orderitemsexpanded where order\_num=20005



**第二部分：所选课题数据库的应用**

CREATE VIEW tcc AS  
SELECT teacher.teacherName,student.studentName  
FROM teacher,student,tc,cs  
WHERE teacher.teacherId=tc.teacherId AND tc.courseId=cs.courseId AND cs.studentId = student.studentId

select \* from tcc

