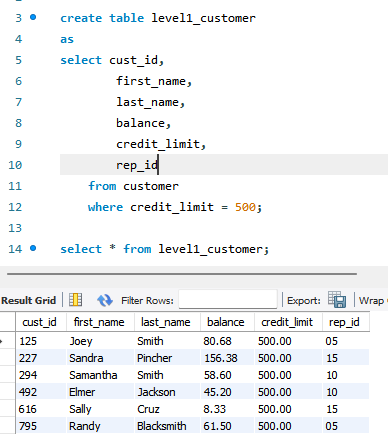
**ITS 26000 – Applied Database Tech**

**Lab 09 – (100 points)**

**Use SQL to complete the following exercises.**

### **KimTay Pet Supplies:**

* 1. In textbook,LEVEL1\_CUSTOMER table is created (Figure 6-1), then the data from Customer table is added into LEVEL1\_CUSTOMER (Figure 6-2), in which two statements are executed. Can you just use one statement to implement the same task? List your command and the screenshot of the result. (15 points)



create table level1\_customer

as

select cust\_id,

first\_name,

last\_name,

balance,

credit\_limit,

rep\_id

from customer

where credit\_limit = 500;

* 1. Create a NONCAT table with the structure shown in Figure 6-28 (15 points)

테이블이(가) 표시된 사진

자동 생성된 설명

create table noncat (

item\_id char(4) not null primary key,

description char(30),

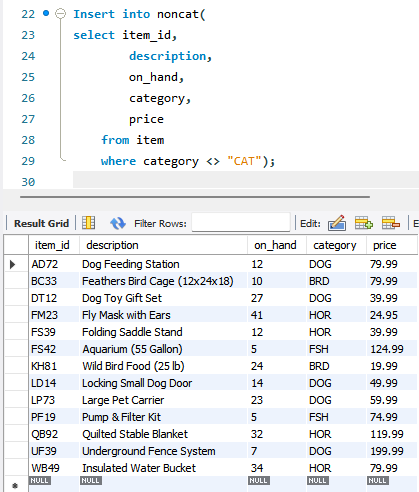
on\_hand decimal(4,0),

category char(3),

price decimal(6,2)

);

* 1. Insert into the NONCAT table the item ID, description, number of units on hand, category, and unit price from the ITEM table for each item that is not in category CAT. (10 points)



Insert into noncat(

select item\_id,

description,

on\_hand,

category,

price

from item

where category <> "CAT");

* 1. In the NONCAT table, increase the price of each item in category BRD by five percent. (Hint: Multiply each price by 1.05.) (10 points)

Before :

텍스트이(가) 표시된 사진

자동 생성된 설명

update noncat

set price = price \* 1.05

where category = "BRD";

After :

텍스트이(가) 표시된 사진

자동 생성된 설명

update noncat

set price = price \* 1.05

where category = "BRD";

* 1. In the NONCAT table, change the category for item UF39 to null. (10 points)

Before :

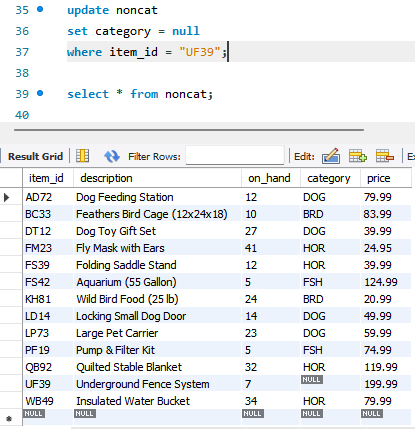


update noncat

set category = null

where item\_id = "UF39";

After :



* 1. Add a column named ON\_HAND\_VALUE to the NONCAT table. The on-hand value is a seven-digit number with two decimal places that represents the product of the number of units on hand and the price. Then set all values of ON\_HAND\_VALUE to ON\_HAND \* PRICE. (10 points)

alter table noncat

add on\_hand\_value decimal(7,2);

update noncat

set on\_hand\_value = price \* on\_hand;

텍스트이(가) 표시된 사진

자동 생성된 설명

* 1. In the NONCAT table, increase the length of the DESCRIPTION column to 40 characters. (10 points)

Before :

테이블이(가) 표시된 사진

자동 생성된 설명

alter table noncat

modify description char(40);

After:

테이블이(가) 표시된 사진

자동 생성된 설명

* 1. Remove the NONCAT table from the KimTay Pet Supplies database. (10 points)

Before :

텍스트이(가) 표시된 사진

자동 생성된 설명

drop table noncat;

After:

텍스트이(가) 표시된 사진

자동 생성된 설명

* 1. Write the SQL command to delete the ON\_HAND\_VALUE column from the NONCAT table. (10 points)

Before:

테이블이(가) 표시된 사진

자동 생성된 설명

alter table noncat

drop column on\_hand\_value;

After:

테이블이(가) 표시된 사진

자동 생성된 설명

**Deliverables**: **Document Report with the SQL statement/Query and snapshot of query, its execution and results.** Either word or pdf file need to be uploaded into Brightspace in one submission