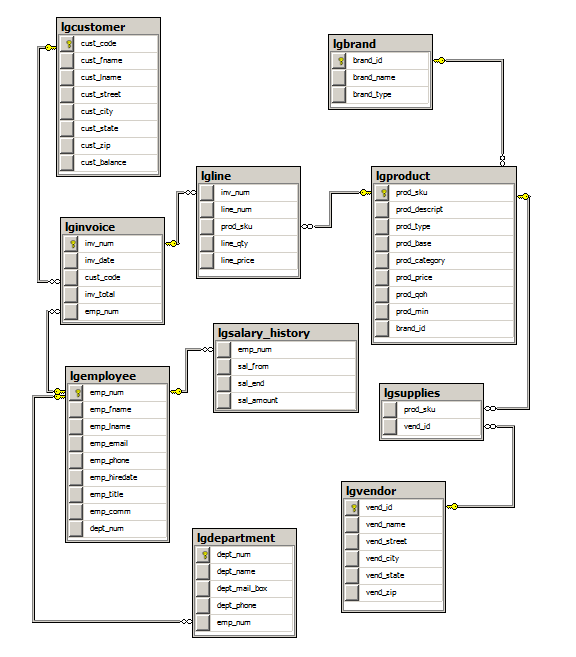


**CIS 310 – 01**

**Assignment 6**

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**Finish exercises 44-64 at the end of Chapter 7.**



**--A6 SQL**

**-- 44**

**SELECT \***

**FROM LGDEPARTMENT**

**--45**

**SELECT PROD\_SKU, PROD\_DESCRIPT, PROD\_TYPE, PROD\_BASE,**

**PROD\_CATEGORY, PROD\_PRICE**

**FROM LGPRODUCT**

**WHERE PROD\_BASE='Water' AND PROD\_CATEGORY='Sealer';**

**--46**

**SELECT EMP\_FNAME, EMP\_LNAME, EMP\_EMAIL**

**FROM LGEMPLOYEE**

**WHERE EMP\_HIREDATE BETWEEN '01/01/2003' AND '12/31/2012'**

**ORDER BY EMP\_LNAME, EMP\_FNAME;**

**--47**

**SELECT EMP\_FNAME, EMP\_LNAME, EMP\_PHONE, EMP\_TITLE, DEPT\_NUM**

**FROM LGEMPLOYEE**

**WHERE DEPT\_NUM = 300 OR**

**EMP\_TITLE='CLERK I'**

**ORDER BY EMP\_LNAME, EMP\_FNAME;**

**--48**

**SELECT E.EMP\_NUM, E.EMP\_LNAME, E.EMP\_FNAME, S.SAL\_FROM, S.SAL\_END,**

**S.SAL\_AMOUNT**

**FROM LGEMPLOYEE E INNER JOIN LGSALARY\_HISTORY S ON E.EMP\_NUM =**

**S.EMP\_NUM**

**WHERE E.EMP\_NUM IN (83731, 83745, 84039)  
 ORDER BY E.EMP\_NUM, S.SAL\_FROM**

**--49**

**SELECT DISTINCT C.CUST\_FNAME, C.CUST\_LNAME, C.CUST\_STREET,**

**C.CUST\_STREET, C.CUST\_CITY, C.CUST\_STATE, C.CUST\_ZIP**

**FROM LGCUSTOMER C INNER JOIN LGINVOICE I ON C.CUST\_CODE =**

**I.CUST\_CODE  
 INNER JOIN LGLINE L ON I.INV\_NUM = L.INV\_NUM   
 INNER JOIN LGPRODUCT P ON L.PROD\_SKU = P.PROD\_SKU  
 INNER JOIN LGBRAND B ON P.BRAND\_ID = B.BRAND\_ID**

**WHERE B.BRAND\_NAME = 'FORESTERS BEST' AND  
 P.PROD\_CATEGORY = 'TOP COAT' AND  
 I.INV\_DATE BETWEEN '07-15-2015' AND '07-31-2015'   
ORDER BY C.CUST\_STATE, C.CUST\_LNAME, C.CUST\_FNAME**

**--50**

**SELECT E.EMP\_NUM, E.EMP\_LNAME, E.EMP\_EMAIL, E.EMP\_TITLE, D.DEPT\_NAME  
FROM LGEMPLOYEE E INNER JOIN LGDEPARTMENT D ON E.DEPT\_NUM =**

**D.DEPT\_NUM**

**WHERE E.EMP\_TITLE LIKE '%ASSOCIATE'  
ORDER BY** DEPT\_NAME, E.EMP\_TITLE

**--51**

**SELECT B.BRAND\_NAME, COUNT(PROD\_SKU) AS NUMPRODUCTS  
FROM LGBRAND B INNER JOIN LGPRODUCT P ON B.BRAND\_ID = P.BRAND\_ID   
GROUP BY B.BRAND\_NAME**

**--52**

**SELECT PROD\_CATEGORY, COUNT(PROD\_SKU) AS NUMPRODUCTS  
FROM LGPRODUCT   
WHERE PROD\_BASE = 'WATER'  
GROUP BY PROD\_CATEGORY**

**--53**

**SELECT PROD\_BASE, PROD\_TYPE, COUNT(\*) AS NUMPRODUCTS**

**FROM LGPRODUCT**

**GROUP BY PROD\_BASE, PROD\_TYPE**

**ORDER BY PROD\_BASE, PROD\_TYPE;**

**--54**

**SELECT B.BRAND\_ID, SUM(P.PROD\_QOH) AS TOTALINVENTORY  
FROM LGBRAND B INNER JOIN LGPRODUCT P ON B.BRAND\_ID = P.BRAND\_ID   
GROUP BY B.BRAND\_ID   
ORDER BY B.BRAND\_ID DESC**

**--55**

**SELECT B.BRAND\_ID, B.BRAND\_NAME, CAST(AVG(P.PROD\_PRICE) AS**

**DECIMAL (12,2)) AS AVGPRICE**

**FROM LGBRAND B INNER JOIN LGPRODUCT P ON B.BRAND\_ID = P.BRAND\_ID   
 GROUP BY B.BRAND\_ID, B.BRAND\_NAME   
ORDER BY B.BRAND\_NAME**

**--56**

**SELECT D.DEPT\_NUM, MAX(E.EMP\_HIREDATE) AS MOSTRECENT**

**FROM LGDEPARTMENT D INNER JOIN LGEMPLOYEE E ON D.DEPT\_NUM =**

**E.DEPT\_NUM**

**GROUP BY D.DEPT\_NUM**

**ORDER BY D.DEPT\_NUM**

**--57**

**SELECT E.EMP\_NUM, E.EMP\_FNAME, E.EMP\_LNAME, MAX(S.SAL\_AMOUNT) AS**

**LARGESTSALARY**

**FROM LGEMPLOYEE E INNER JOIN LGSALARY\_HISTORY S ON E.EMP\_NUM =**

**S.EMP\_NUM**

**WHERE E.DEPT\_NUM = 200  
GROUP BY E.EMP\_NUM, E.EMP\_FNAME, E.EMP\_LNAME  
ORDER BY MAX(S.SAL\_AMOUNT) DESC**

**--58**

**SELECT C.CUST\_CODE, C.CUST\_FNAME, C.CUST\_LNAME, SUM(I.INV\_TOTAL) AS**

**TOTALINVOICES**

**FROM LGCUSTOMER C INNER JOIN LGINVOICE I ON C.CUST\_CODE =**

**I.CUST\_CODE**

**GROUP BY C.CUST\_CODE, C.CUST\_FNAME, C.CUST\_LNAME  
HAVING SUM(I.INV\_TOTAL) > 1500  
ORDER BY SUM(I.INV\_TOTAL) DESC**

**--59**

**SELECT D.DEPT\_NUM, D.DEPT\_NAME, D.DEPT\_PHONE, E.EMP\_NUM,**

**E.EMP\_LNAME**

**FROM LGDEPARTMENT D INNER JOIN LGEMPLOYEE E ON D.EMP\_NUM =**

**E.EMP\_NUM**

**ORDER BY D.DEPT\_NAME**

**--60**

**SELECT V.VEND\_ID, V.VEND\_NAME, B.BRAND\_NAME, COUNT(P.PROD\_SKU) AS**

**NUMPRODUCTS**

**FROM LGVENDOR V INNER JOIN LGSUPPLIES S ON V.VEND\_ID = S.VEND\_ID  
 INNER JOIN LGPRODUCT P ON S.PROD\_SKU = P.PROD\_SKU  
 INNER JOIN LGBRAND B ON P.BRAND\_ID = B.BRAND\_ID  
GROUP BY V.VEND\_ID, V.VEND\_NAME, B.BRAND\_NAME  
ORDER BY V.VEND\_NAME, B.BRAND\_NAME**

**--61**

**SELECT E.EMP\_NUM, E.EMP\_LNAME, E.EMP\_FNAME, SUM(I.INV\_TOTAL) AS**

**TOTALINVOICES**

**FROM LGEMPLOYEE E INNER JOIN LGINVOICE I ON E.EMP\_NUM =**

**I.EMPLOYEE\_ID**

**GROUP BY E.EMP\_NUM, E.EMP\_LNAME, E.EMP\_FNAME  
ORDER BY E.EMP\_LNAME, E.EMP\_FNAME**

**--62**

**SELECT CAST(AVG(PROD\_PRICE) AS DECIMAL (12,2)) AS [LARGEST AVERAGE]  
FROM LGPRODUCT   
GROUP BY BRAND\_ID   
HAVING AVG(PROD\_PRICE) =  
 (SELECT TOP 1 AVG(PROD\_PRICE)  
 FROM LGPRODUCT  
 GROUP BY BRAND\_ID   
 ORDER BY AVG(PROD\_PRICE) DESC   
 )**

**--63**

**SELECT P.BRAND\_ID, B.BRAND\_NAME, B.BRAND\_TYPE,**

**CAST(AVG(P.PROD\_PRICE) AS DECIMAL (12,2)) AS AVGPRICE**

**FROM LGPRODUCT P INNER JOIN LGBRAND B ON P.BRAND\_ID = B.BRAND\_ID   
GROUP BY P.BRAND\_ID, B.BRAND\_NAME, B.BRAND\_TYPE   
HAVING AVG(PROD\_PRICE) =  
 (SELECT TOP 1 AVG(PROD\_PRICE)  
 FROM LGPRODUCT  
 GROUP BY BRAND\_ID   
 ORDER BY AVG(PROD\_PRICE) DESC   
 )**

**--64**

**SELECT M.EMP\_FNAME AS [Manager FName], M.EMP\_LNAME AS [Manager**

**LName], D.DEPT\_NAME,   
 D.DEPT\_PHONE, E.EMP\_FNAME AS [Employee Fname], E.EMP\_LNAME**

**AS [Employee Lname], C.CUST\_FNAME AS [Customer FName], C.CUST\_LNAME AS [Customer LName], I.INV\_DATE, I.INV\_TOTAL**

**FROM LGEMPLOYEE E INNER JOIN LGDEPARTMENT D ON D.DEPT\_NUM =**

**E.DEPT\_NUM  
 INNER JOIN LGEMPLOYEE M ON D.EMP\_NUM = M.EMP\_NUM   
 INNER JOIN LGINVOICE I ON E.EMP\_NUM = I.EMPLOYEE\_ID   
 INNER JOIN LGCUSTOMER C ON I.CUST\_CODE = C.CUST\_CODE**

**WHERE C.CUST\_LNAME = 'HAGAN' AND  
 I.INV\_DATE = '05-18-2015'**