```
--CIS 310-02
--ASSIGNMENT 6
--MARCH 5TH

--TANNER ELLENBERGER
--JOEL MWAMBAYI
--NICK GAY
--DEMARCUS GEORGE


--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 '2003-1-1' AND '2012-12-31'
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 = '83731' OR E.EMP_NUM = '83745' OR E.EMP_NUM = '84039'
ORDER BY EMP_NUM, S.SAL_FROM

--49
select distinct cust_fname, cust_lname, cust_street, cust_city, cust_state,
cust_zip
from lgcustomer as c, lginvoice as i, lgline as l, lgproduct as p, lgbrand as
b
where c.cust_code = i.cust_code
and i.inv_num = l.inv_num
and l.prod_sku = p.prod_sku
and p.brand_id = b.brand_id
and brand_name = 'FORESTERS BEST'
and prod_category = 'Top Coat'
and inv_date between '15-JUL-2015' and '31-JUL-2015'
order by cust_state, cust_lname, cust_fname

--50
select e.emp_num, emp_lname, emp_email, emp_title, dept_name
from lgemployee as e, lgdepartment as d
where e.dept_num = d.dept_num
```

```
and emp_title like 'ASSOCIATE'
order by dept_name, emp_title


--51
SELECT B.BRAND_NAME, COUNT(P.PROD_SKU) AS NUMPRODUCTS
FROM LGBRAND B INNER JOIN LGPRODUCT P ON B.BRAND_ID = P.BRAND_ID
GROUP BY B.BRAND_NAME
ORDER BY B.BRAND_NAME


--52
SELECT PROD_CATEGORY, COUNT(*) 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 BRAND_ID, SUM(PROD_QOH) AS TOTALINVENTORY
FROM LGPRODUCT
GROUP BY BRAND_ID
ORDER BY BRAND_ID DESC


--55
SELECT B.BRAND_ID, B.BRAND_NAME, ROUND(AVG(P.PROD_PRICE),2) AS AVGPRICE
FROM LGBRAND B INNER JOIN LGPRODUCT P ON B.BRAND_ID = P.BRAND_ID
GROUP BY B.BRAND_NAME,B.BRAND_ID
ORDER BY B.BRAND_NAME


--56
SELECT DEPT_NUM, MAX(EMP_HIREDATE) AS MOSTRECENT
FROM LGEMPLOYEE
GROUP BY DEPT_NUM
ORDER BY 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 (SLIGHTLY OFF)
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 (WRONG)
SELECT D.DEPT_NUM, DEPT_NAME, DEPT_PHONE, D.EMP_NUM, EMP_LNAME
```

```
FROM LGDEPARTMENT D INNER JOIN LGEMPLOYEE E ON D.DEPT_NUM = E.DEPT_NUM
ORDER BY DEPT_NAME


--60
SELECT V.VEND_ID, VEND_NAME, BRAND_NAME, COUNT(*) 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, VEND_NAME, BRAND_NAME
ORDER BY VEND_NAME, BRAND_NAME

--61(OFF)
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 EMP_NUM, EMP_LNAME, EMP_FNAME
ORDER BY EMP_LNAME, EMP_FNAME

--62
SELECT AVG(PROD_PRICE)
FROM lgproduct
WHERE PROD_PRICE = (SELECT MAX(AVG(PROD_PRICE)) FROM LGPRODUCT)

--63
SELECT  P.BRAND_ID, BRAND_NAME, BRAND_TYPE,
                Round(Avg(PROD_PRICE),2) AS AVGPRICE
FROM    LGPRODUCT AS P, LGBRAND AS B
WHERE P.BRAND_ID = B.BRAND_ID
GROUP BY P.BRAND_ID, BRAND_NAME, BRAND_TYPE
HAVING Round(Avg(PROD_PRICE),2) =
                (SELECT Max(AVGPRICE) AS "LARGEST AVERAGE"
                FROM (SELECT BRAND_ID, Round(Avg(PROD_PRICE),2) AS AVGPRICE
                      FROM LGPRODUCT P
                      GROUP BY BRAND_ID))

--64
select de.emp_fname, de.emp_lname as "manager name", dept_name,
                dept_phone, e.emp_fname, e.emp_lname as "EMPLOYEE NAME",
                cust_fname, cust_lname as "CUSTOMER NAME", inv_date, inv_total
FROM lgdepartment as d, lgemployee as e, lgemployee as de, lginvoice as i,
lgcustomer as c
where d.emp_num = de.emp_num
and d.dept_num = e.dept_num
and e.emp_num = i.employee_id
and i.cust_code = c.cust_code
and cust_lname = 'HAGAN'
and inv_date = '18-MAY-15'
```