**Assignment4**

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# 6-58

SELECT \*

FROM employee\_t

WHERE SUBSTR(employeename, INSTR(employeename, " ")+1) LIKE "L%";

# 6-59

SELECT \*

FROM employee\_t

WHERE EmployeeDateHired BETWEEN "2005-01-01" AND "2005-12-31";

# 6-61

SELECT CustomerState, COUNT(CustomerName) AS numofcustomers

FROM customer\_t

GROUP BY CustomerState;

# 6-64

SELECT ProductLineID, AVG(ProductStandardPrice) AS averageofprice

FROM product\_t

GROUP BY ProductLineID;

# 6-65

SELECT ProductID, SUM(OrderedQuantity) AS qntorders

FROM orderline\_t

GROUP BY ProductID

ORDER BY qntorders DESC;

# 6-68

SELECT ProductID, COUNT(OrderedQuantity) AS Numorders

FROM orderline\_t

GROUP BY ProductID

ORDER BY Numorders DESC;

# 6-72

SELECT SalesTerritoryID, COUNT(SalespersonName) AS Numsalesperson

FROM salesperson\_t

GROUP BY SalesTerritoryID

HAVING Numsalesperson > 1;

# 6-79

SELECT ProductID, ProductDescription, ProductFinish, ProductStandardPrice

FROM product\_t

WHERE (ProductFinish = "oak" AND ProductStandardPrice > 400)

OR (ProductFinish = "cherry" AND ProductStandardPrice <300);

# 7-43

SELECT a.EmployeeName, COUNT(b.EmployeeID) AS HeadCount

FROM employee\_t a INNER JOIN employee\_t b

ON (a.EmployeeID = b.EmployeeSupervisor)

GROUP BY a.EmployeeName

HAVING HeadCount > 2;

# 7-50

SELECT a.CustomerID, a.CustomerName, SUM(C.OrderedQuantity) AS DeskOrders

FROM customer\_t a INNER JOIN order\_t B

ON (a.CustomerID = b.CustomerID) INNER JOIN orderline\_t C

ON (b.OrderID = c.OrderID) INNER JOIN product\_t d

ON (c.ProductID = d.ProductID)

WHERE LOWER(d.ProductDescription) LIKE "%computer desk%"

GROUP BY a.CustomerID, a.CustomerName;

# 7-55

SELECT a.SalespersonName, d.ProductFinish, SUM(c.OrderedQuantity) AS TotSales

FROM salesperson\_t a INNER JOIN order\_t b

ON (a.SalespersonID = b.SalespersonID) INNER JOIN orderline\_t c

ON (b.OrderID = c.OrderID) INNER JOIN product\_t d

ON (c.ProductID = d.ProductID)

GROUP BY a.SalespersonName, d.ProductFinish;

# 7-61

SELECT a.CustomerID, a.CustomerName, b.OrderID

FROM customer\_t a LEFT OUTER JOIN order\_t b

ON (a.CustomerID = b.CustomerID);

# 7-65

SELECT a.CustomerID, a.CustomerName, b.OrderID

FROM customer\_t a INNER JOIN order\_t b

ON (a.CustomerID = b.CustomerID)

UNION (SELECT a.CustomerID, a.CustomerName, 0

FROM customer\_t a LEFT OUTER JOIN order\_t b

ON (a.CustomerID = b.CustomerID)

WHERE b.OrderID IS NULL);