Aaron Young

ISM 4212-001

Assignment #3

Query #1

SELECT CompanyName, City

FROM Customer

WHERE State = 'FL'

ORDER BY CompanyName;

CompanyName City

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Foster Sports Supply Lake City

JRG Enterprises Tampa

P & T Entertainment Bradenton

Ralph's Outdoor Emporium Palm Springs

Score-4 Sports Lakeland

Sports World Tampa

Turner Sporting Goods Ocala

(7 row(s) affected)

Query #2

SELECT LastName AS 'Name', Salary, Salary\*0.2 AS ‘Income Tax’

FROM Employee

WHERE JobTitle <> 'Salesperson'

ORDER BY Salary;

Name Salary Income Tax

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Riddle 2400.00 480.00000

Sorrell 2500.00 500.00000

LaMela 2500.00 500.00000

Brown 2700.00 540.00000

Doe 2800.00 560.00000

Jobs 4250.00 850.00000

Gates 4500.00 900.00000

Slate 7000.00 1400.00000

Wright 7000.00 1400.00000

Rogers 7500.00 1500.00000

King 9000.00 1800.00000

(11 row(s) affected)

Query #3

SELECT LastName AS 'EMPLOYEE', JobTitle AS 'TITLE',

DeptName AS 'DEPARTMENT'

FROM Employee

INNER JOIN Department

ON Employee.DeptNo = Department.DeptNo

WHERE MgrNo=1000

GROUP BY JobTitle, DeptName, LastName;

EMPLOYEE TITLE DEPARTMENT

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Doe Clerk Accounting

LaMela Clerk Accounting

Wright Manager MIS

Rogers Manager Production

Slate Manager Sales

(5 row(s) affected)

Query #4

SELECT CompanyName, OrderNo, OrderDate

FROM CustomerOrder

INNER JOIN Customer

ON Customer.CustNo = CustomerOrder.CustNo

WHERE OrderDate BETWEEN '2011-06-01' AND '2011-12-31'

AND AcctRepNo <> 1005

ORDER BY CompanyName, OrderDate DESC;

CompanyName OrderNo OrderDate

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Fred's Funtime 10014 2011-12-20

Fred's Funtime 10010 2011-10-31

P & T Entertainment 10012 2011-11-21

P & T Entertainment 10006 2011-08-31

P & T Entertainment 10004 2011-08-01

Sports World 10013 2011-12-05

Sports World 10007 2011-09-29

(7 row(s) affected)

Query #5

SELECT Product.ProductNo, Description, OrderDate

FROM Product

INNER JOIN OrderLine

ON OrderLine.ProductNo = Product.ProductNo

INNER JOIN CustomerOrder

ON OrderLine.OrderNo = CustomerOrder.OrderNo

INNER JOIN Customer

ON CustomerOrder.CustNo = Customer.CustNo

INNER JOIN Employee

ON Customer.AcctRepNo = Employee.EmpNo

WHERE Description LIKE '%Tennis%' AND

OrderDate BETWEEN '2012-01-01' AND '2012-12-31'

AND LastName = 'Teeter'

ORDER BY OrderDate DESC;

ProductNo Description OrderDate

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T1004 Adult Tennis Racket - Titanium 2012-04-17

T1005 Adult Tennis Racket - Graphite 2012-04-17

T1002 12-Pack Green Tennis Balls 2012-02-20

T1005 Adult Tennis Racket - Graphite 2012-02-20

(4 row(s) affected)

Query #6

SELECT CompanyName AS 'Customer Name', COUNT(OrderNo) AS 'Order Count'

FROM Customer

LEFT OUTER JOIN CustomerOrder

ON Customer.CustNo = CustomerOrder.CustNo

GROUP BY CompanyName

ORDER BY COUNT(OrderNo) DESC, CompanyName;

Customer Name Order Count

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Ralph's Outdoor Emporium 5

Fred's Funtime 4

Sports World 4

Turner Sporting Goods 4

Major League Sports 3

P & T Entertainment 3

JRG Enterprises 2

Score-4 Sports 2

Foster Sports Supply 1

The Sports Shoppe 1

Two Guys & A Gal Fitness Center 1

Bats, Balls, & Gloves 0

Warning: Null value is eliminated by an aggregate or other SET operation.

(12 row(s) affected)

Query #7

SELECT Department.DeptNo AS 'Dept. No.', DeptName AS 'Department Name', AVG(Salary) AS 'Average Salary'

FROM Department

INNER JOIN Employee

ON Department.DeptNo = Employee.DeptNo

WHERE JobTitle != 'Clerk'

GROUP BY Department.DeptNo, DeptName

HAVING AVG(Salary) > 5000

ORDER BY AVG(Salary)DESC;

Dept. No. Department Name Average Salary

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10 Accounting 9000.00

20 Production 7500.00

40 MIS 5250.00

(3 row(s) affected)

Query #8

SELECT ProductNo AS 'Product', Description, QtyOnHand AS 'Inventory', MinStockLevel AS 'Minimum', QtyOnHand-MinStockLevel AS 'Above Minimum'

FROM Product

WHERE QtyOnHand = (SELECT MIN(QtyOnHand) FROM Product)

OR QtyOnHand = (SELECT MAX(QtyOnHand) FROM Product)

ORDER BY QtyOnHand;

Product Description Inventory Minimum Above Minimum

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S2002 Junior Size Soccer Ball 18 18 0

B1001 Major League Baseball 212 120 92

(2 row(s) affected)