Dustyne Brown

Homework Assignment 3-1

3/26/13

> --Problem 1--

> SELECT last\_name ||', '|| first\_name "Employee Name", hire\_date

FROM a\_employee

WHERE hire\_date = (SELECT MIN(hire\_date)

FROM a\_employee)

OR hire\_date = (SELECT MAX(hire\_date)

FROM a\_employee)

Employee Name HIRE\_DATE

-------------------------------- ---------

Smith, John 17-DEC-04

Murray, James 16-JAN-07

2 rows selected

> --Problem 2--

> SELECT last\_name ||', '|| first\_name "Employee Name", salary

FROM a\_employee

WHERE salary <= (SELECT ROUND((MIN(salary) \* 1.10), 0)

FROM a\_employee)

ORDER BY salary

Employee Name SALARY

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Jensen, Alice 775

Murray, James 775

Douglas, Michael 800

Smith, John 825

4 rows selected

> --Problem 3--

> SELECT cust.name "Customer Name", sale.order\_id, sale.total "Sales Total"

FROM a\_customer cust JOIN a\_sales\_order sale

ON (cust.customer\_id = sale.customer\_id)

WHERE sale.total = (SELECT MIN(total)

FROM a\_sales\_order)

Customer Name ORDER\_ID Sales Total

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Thermo Power 606 3.4

1 rows selected

> --Problem 4--

> SELECT last\_name ||', '|| first\_name "Employee Name", salary

FROM a\_employee

WHERE salary > (SELECT AVG(salary)

FROM a\_employee)

ORDER BY salary

Employee Name SALARY

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Baker, Leslie 2200

Clark, Carol 2450

Dennis, Lynn 2750

Blake, Marion 2850

Roberts, Grace 2875

Doyle, Jean 2875

Jones, Terry 2975

Alberts, Chris 3000

Fisher, Matthew 3000

Scott, Donald 3025

Ford, Jennifer 3025

King, Francis 5000

12 rows selected

> --Problem 5--

> SELECT last\_name ||', '|| first\_name "Employee Name"

FROM a\_employee

WHERE department\_id IN (SELECT department\_id

FROM a\_department

WHERE department\_name LIKE 'Operations')

Employee Name

--------------------------------

Baker, Leslie

Lewis, Richard

Sommers, Denise

3 rows selected

> --Problem 6--

> SELECT product\_name, product\_id

FROM a\_product

WHERE product\_id IN (SELECT product\_id

FROM a\_item item JOIN a\_sales\_order sales

ON (item.order\_id = sales.order\_id)

JOIN a\_customer cust

ON (sales.customer\_id = cust.customer\_id)

WHERE actual\_price >= 40

AND cust.state LIKE 'MA')

PRODUCT\_NAME PRODUCT\_ID

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Snyder Volt Meter 105123

Snyder Grid Liner 104350

Text "How To Power" 104352

Latham Grid Spacer 104361

4 rows selected

> --Problem 7--

> SELECT last\_name ||', '|| first\_name "Employee Name"

FROM a\_employee

WHERE employee\_id IN (SELECT salesperson\_id

FROM a\_customer)

ORDER BY last\_name

Employee Name

--------------------------------

Allen, Kevin

Duncan, Sarah

Lange, Gregory

Martin, Kenneth

Peters, Daniel

Porter, Raymond

Ross, Paul

Shaw, Karen

Turner, Mary

Ward, Cynthia

West, Livia

11 rows selected

> --Problem 8--

> SELECT last\_name ||', '|| first\_name "Employee Name", (SELECT COUNT(state)

FROM a\_customer

WHERE employee\_id = salesperson\_id

AND ((SELECT COUNT(state)

FROM a\_customer) > 2)

GROUP BY salesperson\_id) "State Count"

FROM a\_employee

WHERE employee\_id IN (SELECT salesperson\_id

FROM a\_customer)

ORDER BY last\_name

Employee Name State Count

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Allen, Kevin 2

Duncan, Sarah 2

Lange, Gregory 2

Martin, Kenneth 2

Peters, Daniel 2

Porter, Raymond 2

Ross, Paul 7

Shaw, Karen 4

Turner, Mary 3

Ward, Cynthia 3

West, Livia 4

11 rows selected

> --Problem 9--

> SELECT last\_name ||', '|| first\_name "Employee Name"

FROM a\_employee

WHERE department\_id IN (SELECT department\_id

FROM a\_department

WHERE location\_id IN (SELECT location\_id

FROM a\_location

WHERE regional\_group LIKE 'Chicago'))

Employee Name

--------------------------------

James, Fred

Turner, Mary

Blake, Marion

Martin, Kenneth

Ward, Cynthia

Allen, Kevin

Sommers, Denise

7 rows selected

> --Problem 10--

> SELECT name

FROM a\_customer

WHERE salesperson\_id IN (SELECT employee\_id

FROM a\_employee

WHERE department\_id IN (SELECT department\_id

FROM a\_department

WHERE location\_id IN (SELECT location\_id

FROM a\_location

WHERE regional\_group LIKE

'Chicago')))

NAME

---------------------------------------------

Womens Power

Every Mountain

Shape Up

Just Electronics

Timelines

Bob'S Family Solar

Vollyrite

North Woods Wiring Center

JB Electronics

Thermo Power

10 rows selected