Dustyne Brown

> set FEEDBACK ON

> --Problem 1--

> SELECT e.employee\_id, e.last\_name ||', '|| e.first\_name "Name", e.job\_id, e.manager\_id, e.department\_id

FROM a\_employee e RIGHT OUTER JOIN a\_employee ee

ON (e.manager\_id = ee.employee\_id)

WHERE ee.last\_name = 'King'

AND ee.first\_name = 'Francis'

EMPLOYEE\_ID Name JOB\_ID MANAGER\_ID DEPARTMENT\_ID

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7934 Miller, Barbara 667 7839 10

7505 Doyle, Jean 671 7839 13

7799 Fisher, Matthew 669 7839 12

7506 Dennis, Lynn 671 7839 23

7788 Scott, Donald 669 7839 20

7698 Blake, Marion 671 7839 30

7782 Clark, Carol 671 7839 10

7 rows selected

> --Problem 2--

> SELECT cc.customer\_id, cc.name, cc.phone\_number

FROM a\_customer cc LEFT OUTER JOIN a\_sales\_order s

ON (cc.customer\_id = s.customer\_id)

WHERE s.order\_date IS NULL

AND cc.state = 'TX'

ORDER BY cc.name

CUSTOMER\_ID NAME PHONE\_NUMBER

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214 Al'S Dynamo Shop 5555172

215 Bob'S Family Solar 5558015

217 Switch And Go 5552352

3 rows selected

> --Problem 3--

> SELECT l.regional\_group "Location", d.department\_id, d.department\_name

FROM a\_location l JOIN a\_department d

ON (l.location\_id = d.location\_id)

ORDER BY l.regional\_group

Location DEPARTMENT\_ID DEPARTMENT\_NAME

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Boston 40 Operations

Boston 43 Sales

Chicago 34 Operations

Chicago 30 Sales

Dallas 24 Operations

Dallas 23 Sales

Dallas 20 Research

New York 14 Operations

New York 12 Research

New York 10 Accounting

New York 13 Sales

11 rows selected

> --Problem 4--

> SELECT e.employee\_id, e.last\_name ||', '|| e.first\_name "Name", d.department\_name, d.department\_id

FROM a\_employee e LEFT OUTER JOIN a\_department d

ON (e.department\_id = d.department\_id)

WHERE d.department\_name LIKE 'Operations'

ORDER BY d.department\_name, d.department\_id

EMPLOYEE\_ID Name DEPARTMENT\_NAME DEPARTMENT\_ID

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7507 Baker, Leslie Operations 14

7609 Lewis, Richard Operations 24

7676 Sommers, Denise Operations 34

3 rows selected

> --Problem 5--

> SELECT p.product\_id, p.product\_name

FROM a\_sales\_order s JOIN a\_item i

ON (s.order\_id = i.order\_id)

RIGHT OUTER JOIN a\_product p

ON (i.product\_id = p.product\_id)

WHERE s.customer\_id IS NULL

PRODUCT\_ID PRODUCT\_NAME

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105126 Shylock 2000

105128 Shylock 5000

2 rows selected

> --Problem 6--

> SELECT c.customer\_id, c.name, c.city

FROM a\_customer c JOIN a\_employee e

ON (c.salesperson\_id = e.employee\_id)

JOIN a\_department d

ON (e.department\_id = d.department\_id)

JOIN a\_location l

ON (d.location\_id = l.location\_id)

WHERE c.city LIKE l.regional\_group

CUSTOMER\_ID NAME CITY

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201 Stand Down Electronics New York

203 Rebound Electronics New York

204 The Power Forward Dallas

222 Just Power Dallas

4 rows selected

> --Problem 7--

> SELECT c.customer\_id, c.name, p.product\_id, p.product\_name, i.actual\_price "Price"

FROM a\_customer c JOIN a\_sales\_order s

ON (c.customer\_id = s.customer\_id)

JOIN a\_item i

ON (s.order\_id = i.order\_id)

JOIN a\_product p

ON (i.product\_id = p.product\_id)

WHERE (i.actual\_price \* i.quantity) > '4999'

CUSTOMER\_ID NAME PRODUCT\_ID PRODUCT\_NAME Price

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102 Vollyrite 100860 Nts Transducer 35

102 Vollyrite 100871 Snyder 60 Amp Power Plug 5.6

105 JB Electronics 100890 75 Gauge Wire Line 58

221 Wheeler Dynamics 105124 Spg Voltmaster 20 10

221 Wheeler Dynamics 105124 Spg Voltmaster 20 10

5 rows selected

> --Problem 8--

> SELECT ui.index\_name, ut.table\_name, ut.column\_name, ut.data\_type

FROM user\_tab\_columns ut JOIN user\_ind\_columns ui

ON (ui.table\_name = ut.table\_name)

WHERE ui.index\_name LIKE 'A\_EMPLOYEE\_ID\_PK'

INDEX\_NAME TABLE\_NAME COLUMN\_NAME DATA\_TYPE

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A\_EMPLOYEE\_ID\_PK A\_EMPLOYEE DEPARTMENT\_ID NUMBER

A\_EMPLOYEE\_ID\_PK A\_EMPLOYEE COMMISSION NUMBER

A\_EMPLOYEE\_ID\_PK A\_EMPLOYEE SALARY NUMBER

A\_EMPLOYEE\_ID\_PK A\_EMPLOYEE HIRE\_DATE DATE

A\_EMPLOYEE\_ID\_PK A\_EMPLOYEE MANAGER\_ID NUMBER

A\_EMPLOYEE\_ID\_PK A\_EMPLOYEE JOB\_ID NUMBER

A\_EMPLOYEE\_ID\_PK A\_EMPLOYEE MIDDLE\_INITIAL VARCHAR2

A\_EMPLOYEE\_ID\_PK A\_EMPLOYEE FIRST\_NAME VARCHAR2

A\_EMPLOYEE\_ID\_PK A\_EMPLOYEE LAST\_NAME VARCHAR2

A\_EMPLOYEE\_ID\_PK A\_EMPLOYEE EMPLOYEE\_ID NUMBER

10 rows selected

> --Problem 9--

> SELECT c.customer\_id, c.name, c.city, c.state, c.phone\_number

FROM a\_customer c JOIN a\_employee e

ON (c.salesperson\_id = e.employee\_id)

WHERE e.first\_name LIKE 'Cynthia'

AND e.last\_name LIKE 'Ward'

CUSTOMER\_ID NAME CITY STATE PHONE\_NUMBER

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101 Timelines Redwood City CA 3681223

103 Just Electronics Burlingame CA 6779312

106 Shape Up Palo Alto CA 3649777

3 rows selected

> --Problem 10--

> SELECT e.last\_name ||', '|| e.first\_name "Name", e.commission "Commission Rate",

s.order\_id, ((i.actual\_price \* i.quantity) \* e.commission) "Commission"

FROM a\_customer cc JOIN a\_employee e

ON (cc.salesperson\_id = e.employee\_id)

JOIN a\_sales\_order s

ON (cc.customer\_id = s.customer\_id)

JOIN a\_item i

ON (i.order\_id = s.order\_id)

WHERE cc.state LIKE 'TX'

AND ((i.actual\_price \* i.quantity) \* e.commission) > '100'

ORDER BY ((i.actual\_price \* i.quantity) \* e.commission)

Name Commission Rate ORDER\_ID Commission

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West, Livia 0.1 531 110

West, Livia 0.1 558 140

West, Livia 0.1 526 320

West, Livia 0.1 543 340

West, Livia 0.1 555 340

West, Livia 0.1 528 377

West, Livia 0.1 526 450

West, Livia 0.1 555 500

West, Livia 0.1 543 500

9 rows selected