Dustyne Brown

Homework 3-1

> set FEEDBACK 1

> --Problem 1--

> SELECT cust.customer\_id, cust.name, NVL((SELECT SUM(sales.total)

FROM a\_sales\_order sales

WHERE sales.customer\_id = cust.customer\_id

GROUP BY sales.customer\_id), '0') "Total Sales", cust.state

FROM a\_customer cust

WHERE cust.state LIKE 'MA'

ORDER BY "Total Sales"

CUSTOMER\_ID NAME Total Sales STATE

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

211 Best Buy 0 MA

216 The All American 0 MA

223 Velo Electronics 712.8 MA

207 Fast Break Power 4595.2 MA

227 The Tour 4900 MA

202 Hoopers 10588.8 MA

6 rows selected

> --Problem 2--

> SELECT cust.customer\_id, cust.name, NVL((SELECT SUM(sales.total)

FROM a\_sales\_order sales

WHERE sales.customer\_id = cust.customer\_id

AND NULL = (SELECT SUM(sales2.total)

FROM a\_sales\_order sales2

GROUP BY sales2.customer\_id)

GROUP BY sales.customer\_id), 0) "Total Sales"

FROM a\_customer cust

ORDER BY "Total Sales"

CUSTOMER\_ID NAME Total Sales

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

100 Thermo Power 0

228 Generation First 0

102 Vollyrite 0

103 Just Electronics 0

104 Every Mountain 0

105 JB Electronics 0

106 Shape Up 0

107 Womens Power 0

108 North Woods Wiring Center 0

201 Stand Down Electronics 0

202 Hoopers 0

203 Rebound Electronics 0

204 The Power Forward 0

205 Point Guard 0

206 The Coliseum 0

207 Fast Break Power 0

208 Al And Bob'S Gadgets 0

211 Best Buy 0

212 All Power 0

213 GOod Price Gadgets 0

214 Al'S Dynamo Shop 0

215 Bob'S Family Solar 0

216 The All American 0

217 Switch And Go 0

218 The Powerfield 0

221 Wheeler Dynamics 0

222 Just Power 0

223 Velo Electronics 0

224 Joe'S Family Goods 0

225 Bob'S Power And Go 0

226 Century Shop 0

227 The Tour 0

101 Timelines 0

33 rows selected

> --Problem 3--

> SELECT cust.customer\_id, cust.name, (SELECT COUNT(total)

FROM a\_sales\_order

WHERE cust.customer\_id = customer\_id) "Number of Sales Over 1000"

FROM a\_customer cust

WHERE 3 <= (SELECT COUNT(sales.total)

FROM a\_sales\_order sales

WHERE 1000 <= sales.total

AND cust.customer\_id = sales.customer\_id

GROUP BY sales.customer\_id)

ORDER BY "Number of Sales Over 1000"

CUSTOMER\_ID NAME Number of Sales Over 1000

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

224 Joe'S Family Goods 3

221 Wheeler Dynamics 3

226 Century Shop 3

203 Rebound Electronics 5

206 The Coliseum 6

202 Hoopers 10

201 Stand Down Electronics 10

208 Al And Bob'S Gadgets 11

204 The Power Forward 12

9 rows selected

> --Problem 4--

> SELECT cust.customer\_id, cust.name

FROM a\_customer cust

WHERE cust.customer\_id IN (SELECT sales.customer\_id

FROM a\_sales\_order sales

WHERE sales.order\_date >= '01-JAN-09'

AND sales.order\_date <= '31-DEC-09')

AND cust.customer\_id NOT IN (SELECT sales.customer\_id

FROM a\_sales\_order sales

WHERE sales.order\_date >= '01-JAN-10'

AND sales.order\_date <= '31-DEC-10')

ORDER BY cust.name

CUSTOMER\_ID NAME

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

207 Fast Break Power

228 Generation First

201 Stand Down Electronics

3 rows selected

> --Problem 5--

> SELECT cust.name, sales.order\_id, sales.order\_date, sales.total

FROM a\_customer cust

JOIN a\_sales\_order sales

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

WHERE 4 <= (SELECT COUNT(item.item\_id)

FROM a\_item item

WHERE item.order\_id = sales.order\_id

GROUP BY item.order\_id)

ORDER BY cust.name, sales.order\_date

NAME ORDER\_ID ORDER\_DATE TOTAL

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

Al And Bob'S Gadgets 530 03-APR-10 3026.5

Al And Bob'S Gadgets 542 11-AUG-10 2409

Al And Bob'S Gadgets 546 17-OCT-10 3663

Al And Bob'S Gadgets 551 22-JAN-11 1142

Al And Bob'S Gadgets 557 08-MAR-11 2461.8

Century Shop 549 27-DEC-10 1620

Every Mountain 612 15-JAN-11 5860

Every Mountain 619 22-FEB-11 1260

Fast Break Power 561 20-APR-11 2558.3

Hoopers 524 22-FEB-10 1979

Hoopers 544 11-SEP-10 2358

Hoopers 547 16-OCT-10 984.4

Hoopers 571 02-AUG-11 1095.6

JB Electronics 617 05-FEB-11 46370

Just Electronics 616 03-FEB-11 764

Just Power 559 16-NOV-10 387.2

North Woods Wiring Center 613 01-FEB-11 6400

Point Guard 550 27-JAN-11 2356

Shape Up 605 14-JUL-10 8374

Stand Down Electronics 518 20-OCT-09 2932.5

Stand Down Electronics 566 09-JUN-11 3389.2

Stand Down Electronics 576 13-OCT-11 2058.9

The Power Forward 522 07-JAN-10 2578.8

Velo Electronics 552 02-FEB-11 555.8

24 rows selected

> --Problem 6--

> SELECT DISTINCT cust.customer\_id, cust.name, (SELECT MIN(sales2.total)

FROM a\_sales\_order sales2

WHERE cust.customer\_id = sales2.customer\_id

GROUP BY customer\_id) "Smallest Order Total in 2010"

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

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

WHERE sales.order\_date >= '01-JAN-10'

AND sales.order\_date <= '31-DEC-10'

ORDER BY cust.customer\_id

CUSTOMER\_ID NAME Smallest Order Total in 2010

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

100 Thermo Power 3.4

102 Vollyrite 45

103 Just Electronics 42

104 Every Mountain 5.6

106 Shape Up 60.8

202 Hoopers 200

203 Rebound Electronics 400

204 The Power Forward 216

205 Point Guard 666.9

206 The Coliseum 420

208 Al And Bob'S Gadgets 475

221 Wheeler Dynamics 7700

222 Just Power 387.2

224 Joe'S Family Goods 1400

225 Bob'S Power And Go 377

226 Century Shop 1165

16 rows selected

> --Problem 7--

> SELECT DISTINCT cust.customer\_id, cust.name

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

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

WHERE cust.customer\_id IN (SELECT DISTINCT customer\_id

FROM a\_sales\_order

WHERE order\_date >= '01-JAN-11'

AND order\_date <= '31-MAR-11')

AND cust.customer\_id IN (SELECT DISTINCT customer\_id

FROM a\_sales\_order

WHERE order\_date >= '01-APR-11'

AND order\_date <= '30-JUN-11')

AND cust.customer\_id IN (SELECT DISTINCT customer\_id

FROM a\_sales\_order

WHERE order\_date >= '01-JUL-11'

AND order\_date <= '30-SEP-11')

AND cust.customer\_id IN (SELECT DISTINCT customer\_id

FROM a\_sales\_order

WHERE order\_date >= '01-OCT-11'

AND order\_date <= '31-DEC-11')

CUSTOMER\_ID NAME

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

204 The Power Forward

1 rows selected

> --Problem 8--

> SELECT product\_id, product\_name

FROM a\_product

WHERE product\_id IN (SELECT product\_id

FROM a\_item

WHERE order\_id IN (SELECT order\_id

FROM a\_sales\_order

WHERE customer\_id IN (SELECT customer\_id

FROM a\_customer

WHERE name LIKE 'Thermo Power')))

PRODUCT\_ID PRODUCT\_NAME

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

100870 Sft Transducer 55

100861 Aft Transducer

102130 Latham Generator 1000

100860 Nts Transducer

100890 75 Gauge Wire Line

200376 Snyder Lock Switch

6 rows selected