**Chaper 4**

<1>

SQL> CREATE TABLE store\_reps

2 (rep\_ID NUMBER(5),

3 last VARCHAR2(15),

4 first VARCHAR2(10),

5 comm CHAR(1) DEFAULT 'Y',

6 CONSTRAINT store\_reps\_pk PRIMARY KEY (rep\_ID));

Table created.

<2>

SQL> ALTER TABLE store\_reps

2 MODIFY

3 (first CONSTRAINT store\_reps\_first\_nn NOT NULL);

Table altered.

SQL>

SQL> ALTER TABLE store\_reps

2 MODIFY

3 (last CONSTRAINT store\_reps\_last\_nn NOT NULL);

Table altered.

<3>

SQL> ALTER TABLE store\_reps

2 MODIFY

3 (comm CONSTRAINT store\_reps\_comn\_ck CHECK (comm IN ('Y', 'N')));

Table altered.

<4>

SQL> ALTER TABLE store\_reps

2 ADD (Base\_salary NUMBER(7,2)

3 CONSTRAINT store\_reps\_Base\_salary\_ck CHECK (Base\_salary > 0));

Table altered.

**Chaper 8**

<4>

SELECT customer# || ': ' || lastname AS "Customer", state AS "ST"

FROM customers

WHERE state = 'GA' or state = 'J'

ORDER BY lastname;

Customer ST

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

1010: LUCAS GA

1018: MONTIASA GA

SELECT customer# || ': ' || lastname AS "Customer", state AS "ST"

FROM customers

WHERE state = 'GA' or state = 'J'

ORDER BY lastname ASC;

Customer ST

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

1010: LUCAS GA

1018: MONTIASA GA

<6>

SQL> SELECT Lname AS "Last Name", Fname AS "First Name"

2 FROM author

3 WHERE Lname LIKE '%IN%'

4 ORDER BY Lname, Fname;

Last Name First Name

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AUSTIN JAMES

MARTINEZ SHEILA

ROBINSON ROBERT

WILKINSON ANTHONY

<10>

(a)

SQL> SELECT title AS "Title", pubdate AS "Publish Date"

2 FROM books

3 WHERE (pubdate BETWEEN '01-JAN-05' AND '31-DEC-05') AND (category = 'COMPUTER');

Title Publish Date

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

HOLY GRAIL OF ORACLE 31-DEC-05

HANDCRANKED COMPUTERS 21-JAN-05

(b)

SQL> SELECT title AS "Title", pubdate AS "Publish Date"

2 FROM books

3 WHERE (pubdate >= '01-JAN-05' AND pubdate <= '31-DEC-05') AND (category = 'COMPUTER');

Title Publish Date

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

HOLY GRAIL OF ORACLE 31-DEC-05

HANDCRANKED COMPUTERS 21-JAN-05

(c)

SELECT title AS "Title", pubdate AS "Publish Date"

FROM books

WHERE pubdate LIKE '%-05' AND category = 'COMPUTER';

Title Publish Date

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

HOLY GRAIL OF ORACLE 31-DEC-05

HANDCRANKED COMPUTERS 21-JAN-05

**Chaper 9**

<2>

SELECT order# AS "Order#", firstname || ' ' || lastname AS "Customer", o.orderdate AS " Order Date "

FROM customers c, orders o

WHERE c.customer# = o.customer#

AND shipdate IS NULL

ORDER BY o.orderdate;

Order# Customer Order Date

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1012 BECCA NELSON 03-APR-09

1016 LEILA SMITH 04-APR-09

1015 KENNETH FALAH 04-APR-09

1019 GREG MONTIASA 05-APR-09

1018 BONITA MORALES 05-APR-09

1020 KENNETH JONES 05-APR-09

<4>

SQL> SELECT DISTINCT c.firstname || ' ' || c.lastname AS "Customer", b.title

2 FROM customers c, orders o, orderitems oi, books b

3 WHERE (c.customer# = o.customer#

4 AND o.order# = oi.order#

5 AND oi.isbn = b.isbn)

6 AND (c.firstname || ' ' || c.lastname = 'JAKE LUCAS');

Customer Title

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

JAKE LUCAS PAINLESS CHILD-REARING

JAKE LUCAS HOW TO MANAGE THE MANAGER

<5>

SQL> SELECT DISTINCT c.firstname || ' ' || c.lastname AS "Customer", b.title AS "Title", o.orderdate AS "Order Date", (oi.paideach-b.cost) AS "Profit"

2 FROM customers c, orders o, orderitems oi, books b

3 WHERE (c.customer# = o.customer#

4 AND o.order# = oi.order#

5 AND oi.isbn = b.isbn)

6 AND (c.firstname || ' ' || c.lastname = 'JAKE LUCAS')

7 ORDER BY (oi.paideach-b.cost) DESC, orderdate;

Customer Title Order Date Profit

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JAKE LUCAS PAINLESS CHILD-REARING 31-MAR-09 37.45

JAKE LUCAS PAINLESS CHILD-REARING 03-APR-09 37.45

JAKE LUCAS HOW TO MANAGE THE MANAGER 31-MAR-09 16.55

<7>

SQL> SELECT p.gift AS "Gift"

2 FROM books, promotion p

3 WHERE retail BETWEEN minretail AND maxretail

4 AND title = 'SHORTEST POEMS';

Gift

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BOOK COVER