```
*******************************************
                 Chapter 4
*******************************************
```

```
rem [Rischert, 2004,213]
SELECT last_name, registration_date
 FROM student
 WHERE student_id IN (123, 161, 190);
```

```
rem [Rischert, 2004,233]
SELECT course_no, section_id,
 TO_CHAR(start_date_time, 'DD-MON-YYYY HH24:MI')
 FROM section;
```

```
rem [Rischert, 2004,233]
 SELECT course_no, section_id,
 TO_CHAR(start_date_time, 'DD-MON-YYYY HH24:MI')
 FROM section;
```

```
rem [Rischert, 2004,233]
WHERE start_date_time >= '04-MAY-2003'
 AND start_date_time < '05-MAY-2003';
```

```
rem [Rischert, 2004,233]

SELECT course_no, section_id,

TO_CHAR(start_date_time, 'DD-MON-YYYY HH24:MI')

FROM section

WHERE TRUNC(start_date_time) = TO_DATE('04-MAY-2003', 'DD-MON-YYYY');
```

```
rem [Rischert, 2004,233]

SELECT course_no, section_id,

TO_CHAR(start_date_time, 'DD-MON-YYYY HH24:MI')

FROM section

WHERE TRUNC(start_date_time) = DATE '2003-05-04';
```

```
rem [Rischert, 2004,233]

SELECT course_no, section_id,

TO_CHAR(start_date_time, 'DD-MON-YYYY HH24:MI') texto3

FROM section

WHERE TRUNC(start_date_time) = DATE '2003-05-04';
```

```
rem [Rischert, 2004,233]

SELECT course_no, section_id, TRUNC (start_date_time),

TO_CHAR(start_date_time, 'DD-MON-YYYY HH24:MI') texto3

FROM section

WHERE TRUNC(start_date_time) = DATE '2003-05-04';
```

```sql
rem [Rischert, 2004,233]

SELECT course_no, section_id,
to_char (TRUNC (start_date_time), 'DD-MON-YYYY HH24:MI') texto4_trunc,
TO_CHAR(start_date_time, 'DD-MON-YYYY HH24:MI') texto3
FROM section
WHERE TRUNC(start_date_time) = DATE '2003-05-04';
```

```sql
rem [Rischert, 2004,233]

SELECT course_no, section_id,
TO_CHAR(start_date_time, 'DD-MON-YYYY HH24:MI')
FROM section
WHERE start_date_time >= DATE '2003-05-04 00:00:00'
AND start_date_time < DATE '2003-05-05 00:00:00';
```

```sql
rem [Rischert, 2004,236]

SELECT course_no, section_id,
TO_CHAR(start_date_time, 'DY DD-MON-YYYY')
FROM section
WHERE TO_CHAR(start_date_time, 'DY') = 'TUE';
```

```sql
rem [Rischert, 2004,237]

SELECT course_no, section_id,
TO_CHAR(start_date_time, 'Day DD-Mon-YYYY')
FROM section
WHERE TO_CHAR(start_date_time, 'fmDay') = 'Tuesday';
```

```
rem [Rischert, 2004,237]

SELECT section_id,

TO_CHAR(start_date_time, 'DD-MON-YYYY HH24:MI:SS')

FROM section

WHERE TO_CHAR(start_date_time, 'DD-MON-YYYY HH24:MI:SS')

>= '01-JUL-2003 00:00:00'

AND TO_CHAR(start_date_time, 'DD-MON-YYYY HH24:MI:SS')

<= '31-JUL-2003 23:59:59';
```

```
rem [Rischert, 2004,248]

SELECT LAST_DAY(TO_DATE('13-FEB-1964','DD-MON-YYYY')) lastday,

LAST_DAY(TO_DATE('13-FEB-1964','DD-MON-YYYY'))

- TO_DATE('13-FEB-1964','DD-MON-YYYY') days

FROM dual;
```

```
rem [Rischert, 2004,248]

SELECT MONTHS_BETWEEN(TO_DATE('17-AUG-2003','DD-MON-YYYY'),

TO_DATE('29-SEP-1999','DD-MON-YYYY')) months

FROM dual;
```

```
rem [Rischert, 2004,248]

SELECT TO_CHAR(SYSDATE, 'DD-MON-YYYY HH24:MI:SS') "Current",

TO_CHAR(SYSDATE+3, 'DD-MON-YYYY HH24:MI:SS') "Answer"

FROM dual;
```

```
rem [Rischert, 2004,265]

SELECT col_date, col_timestamp, col_timestamp_w_tz

FROM date_example;
```

```
rem [Rischert, 2004,265]

SELECT col_timestamp

FROM date_example

WHERE col_timestamp = '24-MAR-02 04.25.32.000000 PM';
```

```
rem [Rischert, 2004,271]

SELECT TZ_OFFSET('Europe/London') "London",

TZ_OFFSET('America/New_York') "NY",

TZ_OFFSET('America/Chicago') "Chicago",

TZ_OFFSET('America/Denver') "Denver",

TZ_OFFSET('America/Los_Angeles') "LA"

FROM dual;
```

```
*********************************************

Chapter 6

*********************************************
```

```
rem [Rischert, 2004,330]
SELECT c.course_no, s.section_no, c.description,
s.location, s.instructor_id
FROM course c, section s
WHERE c.course_no = s.course_no;
```

```
rem [Rischert, 2004,331]
SELECT course_no, s.section_no, c.description,
s.location, s.instructor_id
FROM course c JOIN section s
USING (course_no);
```

```
rem [Rischert, 2004,334]

SELECT COUNT(*)

 FROM section, instructor;
```

```
rem [Rischert, 2004,334]

 SELECT s.instructor_id s_instructor_id,

 i.instructor_id i_instructor_id

 FROM section s, instructor i;
```

```
rem [Rischert, 2004,336]

SELECT c.course_no, c.description, s.section_no

 FROM course c, section s

 WHERE c.course_no = s.course_no

 AND c.prerequisite IS NULL

 ORDER BY c.course_no, s.section_no;
```

```
rem [Rischert, 2004,336]

SELECT s.last_name, s.zip, z.state, z.city

 FROM student s, zipcode z

 WHERE s.zip = z.zip

 ORDER BY s.zip;
```

```
rem [Rischert, 2004,339]

 SELECT c.course_no, c.description, s.section_no

 FROM course c, section s

 WHERE c.course_no = s.course_no

 AND c.prerequisite IS NULL

 ORDER BY c.course_no, s.section_no;
```

```
rem [Rischert, 2004,340]

SELECT e.student_id, s.course_no,

TO_CHAR(e.enroll_date,'MM/DD/YYYY HH:MI PM'),

e.section_id

FROM enrollment e JOIN section s

ON (e.section_id = s.section_id)

WHERE s.course_no = 20

AND e.enroll_date >= TO_DATE('01/30/2003','MM/DD/YYYY')

AND e.enroll_date < TO_DATE('01/31/2003','MM/DD/YYYY');
```

```
rem [Rischert, 2004,341]

SELECT s.student_id, i.instructor_id,

s.zip, i.zip

FROM student s, instructor i

WHERE s.zip = i.zip

ORDER BY s.student_id, i.instructor_id;
```

```
rem [Rischert, 2004,354]

SELECT c.course_no, s.section_no, e.student_id

FROM course c, section s, instructor i, enrollment e

WHERE c.prerequisite IS NULL

AND c.course_no = s.course_no

AND s.instructor_id = i.instructor_id

AND i.zip = '10025'

AND s.section_id = e.section_id;
```

```
rem [Rischert, 2004,356]

SELECT i.first_name || ' ' ||i.last_name name,

i.street_address, z.city || ', ' || z.state

|| ' ' || i.zip "City State Zip",

TO_CHAR(s.start_date_time, 'MM/DD/YY') start_dt,

section_id sect

FROM instructor i, section s, zipcode z

WHERE i.instructor_id = s.instructor_id

AND i.zip = z.zip

AND s.start_date_time >=

TO_DATE('01-JUN-2003','DD-MON-YYYY')

AND s.start_date_time <

TO_DATE('01-JUL-2003','DD-MON-YYYY');
```