```
SQL> SELECT ENAME,DEPTNO,SAL,JOB
  2  FROM EMP
  3  WHERE JOB='MANAGER';

ENAME            DEPTNO   SAL JOB
-------------------- ------------ -------- -------------------
JONES              20  2975 MANAGER
BLAKE              30  2850 MANAGER
CLARK              10  2450 MANAGER

SQL> ED
Wrote file afiedt.buf

  1  SELECT ENAME,DEPTNO,SAL,JOB
  2  FROM EMP
  3* WHERE JOB<>'MANAGER'
SQL> /

ENAME            DEPTNO   SAL JOB
--------------------------------- -------- -------------------
SMITH              20   800 CLERK
ALLEN              30  1600 SALESMAN
WARD               30  1250 SALESMAN
MARTIN             30  1250 SALESMAN
SCOTT              20  3000 ANALYST
KING               10  5000 PRESIDENT
TURNER             30  1500 SALESMAN
ADAMS              20  1100 CLERK
JAMES              30   950 CLERK
FORD               20  3000 ANALYST
MILLER             10  1300 CLERK

11 rows selected.

SQL> ED
Wrote file afiedt.buf

  1  SELECT ENAME,DEPTNO,SAL,JOB
  2  FROM EMP
  3* WHERE SAL=3000
SQL> /

ENAME          DEPTNO   SAL JOB
-------------- --------- ----------- -------------
SCOTT            20  3000 ANALYST
FORD             20  3000 ANALYST

SQL> ED
Wrote file afiedt.buf

  1  SELECT ENAME,DEPTNO,SAL,JOB
  2  FROM EMP
  3* WHERE SAL<>3000
SQL> /
```

```
ENAME           DEPTNO   SAL JOB
-------------------------------- ---------- ------------------
SMITH            20    800 CLERK
ALLEN            30   1600 SALESMAN
WARD             30   1250 SALESMAN
JONES            20   2975 MANAGER
MARTIN           30   1250 SALESMAN
BLAKE            30   2850 MANAGER
CLARK            10   2450 MANAGER
KING             10   5000 PRESIDENT
TURNER           30   1500 SALESMAN
ADAMS            20   1100 CLERK
JAMES            30    950 CLERK

ENAME           DEPTNO   SAL JOB
-------------------------------- ---------- ------------------
MILLER           10   1300 CLERK

12 rows selected.

SQL> SELECT ENAME,DEPTNO,SAL,JOB
  2  FROM EMP
  3  WHERE SAL>3000;

ENAME           DEPTNO   SAL JOB
--------------- --------- ------------ -------------
KING             10 5000 PRESIDENT

SQL> SELECT ENAME,DEPTNO,SAL,JOB
  2  FROM EMP
  3  WHERE JOB>'MANAGER';

ENAME           DEPTNO   SAL JOB
-------------------- ------------ ---------- ------------------
ALLEN            30   1600 SALESMAN
WARD             30   1250 SALESMAN
MARTIN           30   1250 SALESMAN
KING             10   5000 PRESIDENT
TURNER           30   1500 SALESMAN

SQL> SELECT ENAME,DEPTNO,SAL,JOB
  2  FROM EMP
  3  WHERE JOB='MANAGER';

ENAMEDEPTNOSAL JOB
-------------------- ------------ ------------------------------
JONES            20   2975 MANAGER
BLAKE            30   2850 MANAGER
CLARK            10   2450 MANAGER

SQL> SELECT ENAME,DEPTNO,SAL,JOB
  2  FROM EMP
  3  WHERE JOB='manager';
```

```
no rows selected

SQL> SELECT ENAME,DEPTNO,SAL,JOB
  2  FROM EMP
  3  WHERE HIREDATE='03-DE-81';
WHERE HIREDATE='03-DE-81'
                *
ERROR at line 3:
ORA-01843: not a valid month


SQL> SELECT ENAME,DEPTNO,SAL,JOB
  2  FROM EMP
  3  WHERE HIREDATE='03-DEC-81';

ENAME          DEPTNO    SAL JOB
-------------- --------- ------------ -------------
JAMES              30    950 CLERK
FORD               20   3000 ANALYST

SQL> SELECT ENAME,DEPTNO,SAL,JOB
  2  FROM EMP
  3  WHERE HIREDATE<>'03-DEC-81';

ENAME          DEPTNO    SAL JOB
-------------------------------- --------- --------------------
SMITH              20    800 CLERK
ALLEN              30   1600 SALESMAN
WARD               30   1250 SALESMAN
JONES              20   2975 MANAGER
MARTIN             30   1250 SALESMAN
BLAKE              30   2850 MANAGER
CLARK              10   2450 MANAGER
SCOTT              20   3000 ANALYST
KING               10   5000 PRESIDENT
TURNER             30   1500 SALESMAN
ADAMS              20   1100 CLERK

ENAME          DEPTNO    SAL JOB
-------------------------------- --------- --------------------
MILLER             10   1300 CLERK

12 rows selected.

SQL> ED
Wrote file afiedt.buf

  1  SELECT ENAME,DEPTNO,SAL,JOB,HIREDATE
  2  FROM EMP
  3* WHERE HIREDATE<>'03-DEC-81'
SQL> /

ENAME          DEPTNO    SAL JOB         HIREDATE
```

```
------------------------------ --------- ------------------ ------------------
SMITH               20    800 CLERK       17-DEC-80
ALLEN               30   1600 SALESMAN    20-FEB-81
WARD                30   1250 SALESMAN    22-FEB-81
JONES               20   2975 MANAGER     02-APR-81
MARTIN              30   1250 SALESMAN    28-SEP-81
BLAKE               30   2850 MANAGER     01-MAY-81
CLARK               10   2450 MANAGER     09-JUN-81
SCOTT               20   3000 ANALYST     19-APR-87
KING                10   5000 PRESIDENT   17-NOV-81
TURNER              30   1500 SALESMAN    08-SEP-81
ADAMS               20   1100 CLERK       23-MAY-87

ENAME           DEPTNO    SAL JOB          HIREDATE
------------------------------ --------- ------------------ ------------------
MILLER              10   1300 CLERK       23-JAN-82

12 rows selected.

SQL> SELECT ENAME,DEPTNO,SAL,JOB
  2  FROM EMP
  3  WHERE HIREDATE>'03-DEC-81';

ENAME           DEPTNO    SAL JOB
--------------------- ------------- --------- ------------------
SCOTT               20   3000 ANALYST
ADAMS               20   1100 CLERK
MILLER              10   1300 CLERK

SQL> SELECT ENAME,DEPTNO,SAL,COMM
  2  FROM EMP
  3  WHERE COMM=NULL;

no rows selected

SQL> SELECT ENAME,DEPTNO,SAL,COMM
  2  FROM EMP
  3  WHERE COMM<>NULL;

no rows selected

SQL> SELECT ENAME,DEPTNO
  2  FROM EMP
  3  WHERE DEPTNO=10 OR DEPTNO=20;

ENAME           DEPTNO
--------------------- -------------
SMITH               20
JONES               20
CLARK               10
SCOTT               20
KING                10
ADAMS               20
FORD                20
```

```
MILLER          10

8 rows selected.

SQL>
SQL> SELECT ENAME,DEPTNO
  2  FROM EMP
  3  WHERE DEPTNO<>30;

ENAMEDEPTNO
-------------- ---------
SMITH           20
JONES           20
CLARK           10
SCOTT           20
KING            10
ADAMS           20
FORD            20
MILLER          10

8 rows selected.

SQL> SELECT
  2  ENAME,
  3  DEPTNO,
  4  JOB,
  5  SAL
  6  FROM EMP
  7  WHERE DEPTNO=10 OR DEPTNO=20 AND
  8  JOB='SALESMAN' AND SAL >2500 OR SAL<1500;

ENAME          DEPTNO JOB          SAL
---------------------------------- ---------------- ----------
SMITH              20 CLERK        800
WARD               30 SALESMAN     1250
MARTIN             30 SALESMAN     1250
CLARK              10 MANAGER      2450
KING               10 PRESIDENT    5000
ADAMS              20 CLERK        1100
JAMES              30 CLERK        950
MILLER             10 CLERK        1300

8 rows selected.

SQL> ED
Wrote file afiedt.buf

  1  SELECT
  2  ENAME,
  3  DEPTNO,
  4  JOB,
  5  SAL
  6  FROM EMP
  7  WHERE DEPTNO=10 OR
```

```
   8  (DEPTNO=20 AND JOB='SALESMAN') AND
   9* (SAL >2500 OR SAL<1500)
SQL> /


ENAME          DEPTNO JOB            SAL
-------------------- ------------ ---------------- ----------
CLARK              10 MANAGER      2450
KING               10 PRESIDENT    5000
MILLER             10 CLERK        1300


SQL> SELECT ENAME,DEPTNO,SAL, COMM
  2  FROM EMP
  3  WHERE SAL>=1100 AND SAL <=2500;


ENAME          DEPTNO     SAL         COMM
--------------------------------- --------- --------------------
ALLEN              30    1600          300
WARD               30    1250          500
MARTIN             30    1250         1400
CLARK              10    2450
TURNER             30    1500            0
ADAMS              20    1100
MILLER             10    1300


7 rows selected.

SQL> ED
Wrote file afiedt.buf


  1  SELECT ENAME,DEPTNO,SAL, COMM
  2  FROM EMP
  3* WHERE SAL BETWEEN 1100 AND 2500
SQL> /


ENAME          DEPTNO     SAL         COMM
--------------------------------- --------- --------------------
ALLEN              30    1600          300
WARD               30    1250          500
MARTIN             30    1250         1400
CLARK              10    2450
TURNER             30    1500            0
ADAMS              20    1100
MILLER             10    1300


7 rows selected.

SQL> ED
Wrote file afiedt.buf


  1  SELECT ENAME,DEPTNO,SAL, COMM
  2  FROM EMP
  3* WHERE SAL BETWEEN 1100 AND 2450
SQL> /
```

```
ENAME           DEPTNO    SAL         COMM
------------------------ -------- ---------------------
ALLEN            30       1600            300
WARD             30       1250            500
MARTIN           30       1250           1400
CLARK            10       2450
TURNER           30       1500              0
ADAMS            20       1100
MILLER           10       1300

7 rows selected.

SQL> ED
Wrote file afiedt.buf

  1   SELECT ENAME,DEPTNO,SAL, COMM
  2   FROM EMP
  3*  WHERE SAL NOT BETWEEN 1100 AND 2450
SQL> /

ENAME           DEPTNO    SAL         COMM
------------------------ -------- ---------------------
SMITH            20       800
JONES            20      2975
BLAKE            30      2850
SCOTT            20      3000
KING             10      5000
JAMES            30       950
FORD             20      3000

7 rows selected.

SQL> SELECT ENAME,DEPTNO,SAL,COMM
  2   FROM EMP
  3   WHERE SAL <1100 OR SAL >2450;

ENAME           DEPTNO    SAL         COMM
------------------------ -------- ---------------------
SMITH            20       800
JONES            20      2975
BLAKE            30      2850
SCOTT            20      3000
KING             10      5000
JAMES            30       950
FORD             20      3000

7 rows selected.

SQL> ED
Wrote file afiedt.buf

  1   SELECT ENAME,DEPTNO,SAL,COMM
  2   FROM EMP
  3*  WHERE DEPTNO=10 OR DEPTNO=20 OR DEPTNO=30
```

```
SQL> /

ENAME            DEPTNO    SAL           COMM
---------------------------------  --------  --------------------
SMITH               20     800
ALLEN               30    1600            300
WARD                30    1250            500
JONES               20    2975
MARTIN              30    1250           1400
BLAKE               30    2850
CLARK               10    2450
SCOTT               20    3000
KING                10    5000
TURNER              30    1500              0
ADAMS               20    1100

ENAME            DEPTNO    SAL           COMM
---------------------------------  --------  --------------------
JAMES               30     950
FORD                20    3000
MILLER              10    1300

14 rows selected.

SQL> ED
Wrote file afiedt.buf

  1   SELECT ENAME,DEPTNO,SAL,COMM
  2   FROM EMP
  3*  WHERE DEPTNO IN(10,20,30)
SQL> /

ENAME            DEPTNO    SAL           COMM
---------------------------------  --------  --------------------
SMITH               20     800
ALLEN               30    1600            300
WARD                30    1250            500
JONES               20    2975
MARTIN              30    1250           1400
BLAKE               30    2850
CLARK               10    2450
SCOTT               20    3000
KING                10    5000
TURNER              30    1500              0
ADAMS               20    1100

ENAME            DEPTNO    SAL           COMM
---------------------------------  --------  --------------------
JAMES               30     950
FORD                20    3000
MILLER              10    1300

14 rows selected.
```

```
SQL> SELECT ENAME,DEPTNO,SAL,COMM
  2  FROM EMP
  3  WHERE ENAME='SCOTT' OR ENAME ='ALLEN' OR ENAME = 'ADAMS';

ENAME            DEPTNO     SAL         COMM
-------------------- ------------ --------- --------------------
ALLEN                30  1600          300
SCOTT                20  3000
ADAMS                20  1100

SQL> ED
Wrote file afiedt.buf

  1  SELECT ENAME,DEPTNO,SAL,COMM
  2  FROM EMP
  3* WHERE ENAME IN('SCOTT','ALLEN','ADAMS')
SQL> /

ENAME            DEPTNO     SAL         COMM
-------------------- ------------ --------- --------------------
ALLEN                30  1600          300
SCOTT                20  3000
ADAMS                20  1100

SQL> ED
Wrote file afiedt.buf

  1  SELECT ENAME,DEPTNO,SAL,COMM
  2  FROM EMP
  3* WHERE ENAME NOT IN('SCOTT','ALLEN','ADAMS')
SQL> /

ENAME            DEPTNO     SAL         COMM
----------------------------------- --------- --------------------
SMITH                20   800
WARD                 30  1250          500
JONES                20  2975
MARTIN               30  1250         1400
BLAKE                30  2850
CLARK                10  2450
KING                 10  5000
TURNER               30  1500            0
JAMES                30   950
FORD                 20  3000
MILLER               10  1300

11 rows selected.

SQL> SELECT ENAME,SAL,COMM
  2  FROM EMP
  3  WHERE COMM = NULL;

no rows selected
```

```
SQL> SELECT ENAME,SAL,COMM
  2  FROM EMP
  3  WHERE COMM IS NULL;

ENAME          SAL         COMM
---------------------------------------------------------
SMITH          800
JONES          2975
BLAKE          2850
CLARK          2450
SCOTT          3000
KING           5000
ADAMS          1100
JAMES          950
FORD           3000
MILLER         1300

10 rows selected.

SQL> SELECT ENAME,SAL,COMM
  2  FROM EMP
  3  WHERE COMM IS NOT NULL;

ENAMESAL       COMM
--------------- ------- ---------------
ALLEN          1600          300
WARD           1250          500
MARTIN         1250         1400
TURNER         1500            0

SQL> SPOOL OFF
```