```
SQL*Plus: Release 11.2.0.4.0 Production on Sat Jan 29 13:53:58 2022

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Enter user-name: RA1911030010058/RA1911030010058@drmeenakshi-
01.c6hfisyr3ugy.us-east-1.rds.amazonaws.com:1521/O1

Connected to:
Oracle Database 19c Enterprise Edition Release 19.0.0.0.0 - Production

SQL> spool Exp3_Basic_Select_Statements.lst
SQL> create table employee(EMPNO NUMBER(3), ENAME VARCHAR2(20) NOT
NULL, JOB VARCHAR2(20) NOT NULL, DEPTNO NUMBER(3), SALARY
NUMBER(8,2));

Table created.

SQL> desc employee
 Name                                      Null?    Type
 ----------------------------------------- -------- ------------------
----------
 EMPNO                                              NUMBER(3)
 ENAME                                     NOT NULL VARCHAR2(20)
 JOB                                       NOT NULL VARCHAR2(20)
 DEPTNO                                             NUMBER(3)
 SALARY                                             NUMBER(8,2)

SQL> insert into employee values ('&EMPNO', '&ENAME', '&JOB',
'&DEPTNO', '&SALARY');
Enter value for empno: 1
Enter value for ename: Mathi
Enter value for job: AP
Enter value for deptno: 1
Enter value for salary: 10000
old   1: insert into employee values ('&EMPNO', '&ENAME', '&JOB',
'&DEPTNO', '&SALARY')
new   1: insert into employee values ('1', 'Mathi', 'AP', '1',
'10000')

1 row created.

SQL> insert into employee values ('&EMPNO', '&ENAME', '&JOB',
'&DEPTNO', '&SALARY');
Enter value for empno: 2
Enter value for ename: Arjun
Enter value for job: ASP
Enter value for deptno: 2
Enter value for salary: 15000
old   1: insert into employee values ('&EMPNO', '&ENAME', '&JOB',
'&DEPTNO', '&SALARY')
new   1: insert into employee values ('2', 'Arjun', 'ASP', '2',
'15000')

1 row created.
```

```
SQL> insert into employee values ('&EMPNO', '&ENAME', '&JOB',
'&DEPTNO', '&SALARY');
Enter value for empno: 3
Enter value for ename: Gugan
Enter value for job: ASP
Enter value for deptno: 1
Enter value for salary: 15000
old   1: insert into employee values ('&EMPNO', '&ENAME', '&JOB',
'&DEPTNO', '&SALARY')
new   1: insert into employee values ('3', 'Gugan', 'ASP', '1',
'15000')

1 row created.

SQL> insert into employee values ('&EMPNO', '&ENAME', '&JOB',
'&DEPTNO', '&SALARY');
Enter value for empno: 4
Enter value for ename: Karthik
Enter value for job: Prof
Enter value for deptno: 2
Enter value for salary: 30000
old   1: insert into employee values ('&EMPNO', '&ENAME', '&JOB',
'&DEPTNO', '&SALARY')
new   1: insert into employee values ('4', 'Karthik', 'Prof', '2',
'30000')

1 row created.

SQL> insert into employee values ('&EMPNO', '&ENAME', '&JOB',
'&DEPTNO', '&SALARY');
Enter value for empno: 5
Enter value for ename: Akalya
Enter value for job: AP
Enter value for deptno: 1
Enter value for salary: 10000
old   1: insert into employee values ('&EMPNO', '&ENAME', '&JOB',
'&DEPTNO', '&SALARY')
new   1: insert into employee values ('5', 'Akalya', 'AP', '1',
'10000')

1 row created.

SQL> insert into employee values ('&EMPNO', '&ENAME', '&JOB',
'&DEPTNO', '&SALARY');
Enter value for empno: 6
Enter value for ename: Suresh
Enter value for job: Lect
Enter value for deptno: 1
Enter value for salary: 8000
old   1: insert into employee values ('&EMPNO', '&ENAME', '&JOB',
'&DEPTNO', '&SALARY')
new   1: insert into employee values ('6', 'Suresh', 'Lect', '1',
'8000')

1 row created.

SQL> desc employee
```

```
 Name                                      Null?    Type
 ----------------------------------------- -------- ------------------
----------
 EMPNO                                              NUMBER(3)
 ENAME                                     NOT NULL VARCHAR2(20)
 JOB                                       NOT NULL VARCHAR2(20)
 DEPTNO                                             NUMBER(3)
 SALARY                                             NUMBER(8,2)

SQL> select * from employee;

     EMPNO ENAME                JOB                       DEPTNO
SALARY
---------- -------------------- -------------------- ---------- ------
----
         1 Mathi                AP                             1
10000
         2 Arjun                ASP                            2
15000
         3 Gugan                ASP                            1
15000
         4 Karthik              Prof                           2
30000
         5 Akalya               AP                             1
10000
         6 Suresh               Lect                           1
8000

6 rows selected.

SQL> delete from employee where JOB='Lect';

1 row deleted.

SQL> select * from employee;

     EMPNO ENAME                JOB                       DEPTNO
SALARY
---------- -------------------- -------------------- ---------- ------
----
         1 Mathi                AP                             1
10000
         2 Arjun                ASP                            2
15000
         3 Gugan                ASP                            1
15000
         4 Karthik              Prof                           2
30000
         5 Akalya               AP                             1
10000

SQL> select * from employee order by SALARY;

     EMPNO ENAME                JOB                       DEPTNO
SALARY
---------- -------------------- -------------------- ---------- ------
----
```

```
         5 Akalya               AP                             1
10000
         1 Mathi                AP                             1
10000
         2 Arjun                ASP                            2
15000
         3 Gugan                ASP                            1
15000
         4 Karthik              Prof                           2
30000

SQL> select * from employee order by SALARY desc;

     EMPNO ENAME                JOB                       DEPTNO
SALARY
---------- -------------------- -------------------- ---------- ------
----
         4 Karthik              Prof                           2
30000
         2 Arjun                ASP                            2
15000
         3 Gugan                ASP                            1
15000
         1 Mathi                AP                             1
10000
         5 Akalya               AP                             1
10000

SQL> select * from employee where DEPTNO='2';

     EMPNO ENAME                JOB                       DEPTNO
SALARY
---------- -------------------- -------------------- ---------- ------
----
         2 Arjun                ASP                            2
15000
         4 Karthik              Prof                           2
30000

SQL> select * from employee where DEPTNO='30';

no rows selected

SQL> select distinct DEPTNO from employee;

    DEPTNO
----------
         1
         2


SQL> create table salesdata(STORE_NAME VARCHAR2(30), SALES NUMBER(6),
TXN_DATE DATE);

Table created.
```

```
SQL>  insert into salesdata values('&STORE_NAME', '&SALES',
'&TXN_DATE')
  2  ;
Enter value for store_name: Los Angeles
Enter value for sales: 1500
Enter value for txn_date: 05-jan-1999
old   1:  insert into salesdata values('&STORE_NAME', '&SALES',
'&TXN_DATE')
new   1:  insert into salesdata values('Los Angeles', '1500', '05-jan-
1999')

1 row created.

SQL>  insert into salesdata values('&STORE_NAME', '&SALES',
'&TXN_DATE')
  2  ;
Enter value for store_name: San Diego
Enter value for sales: 250
Enter value for txn_date: 07-jan-1999
old   1:  insert into salesdata values('&STORE_NAME', '&SALES',
'&TXN_DATE')
new   1:  insert into salesdata values('San Diego', '250', '07-jan-
1999')

1 row created.

SQL>  insert into salesdata values('&STORE_NAME', '&SALES',
'&TXN_DATE');
Enter value for store_name: Texas
Enter value for sales: 550
Enter value for txn_date: 09-jan-1999
old   1:  insert into salesdata values('&STORE_NAME', '&SALES',
'&TXN_DATE')
new   1:  insert into salesdata values('Texas', '550', '09-jan-1999')

1 row created.

SQL>  insert into salesdata values('&STORE_NAME', '&SALES',
'&TXN_DATE');
Enter value for store_name: Ottawa
Enter value for sales: 100
Enter value for txn_date: 14-jan-1999
old   1:  insert into salesdata values('&STORE_NAME', '&SALES',
'&TXN_DATE')
new   1:  insert into salesdata values('Ottawa', '100', '14-jan-1999')

1 row created.

SQL>  insert into salesdata values('&STORE_NAME', '&SALES',
'&TXN_DATE');
Enter value for store_name: Rochester
Enter value for sales: 900
Enter value for txn_date: 08-jan-1999
old   1:  insert into salesdata values('&STORE_NAME', '&SALES',
'&TXN_DATE')
new   1:  insert into salesdata values('Rochester', '900', '08-jan-
1999')
```

```
1 row created.

SQL>  insert into salesdata values('&STORE_NAME', '&SALES',
'&TXN_DATE');
Enter value for store_name: Boston
Enter value for sales: 1985
Enter value for txn_date: 18-jan-1999
old   1:  insert into salesdata values('&STORE_NAME', '&SALES',
'&TXN_DATE')
new   1:  insert into salesdata values('Boston', '1985', '18-jan-
1999')

1 row created.

SQL>  insert into salesdata values('&STORE_NAME', '&SALES',
'&TXN_DATE');
Enter value for store_name: New York
Enter value for sales: 1300
Enter value for txn_date: 11-jan-1999
old   1:  insert into salesdata values('&STORE_NAME', '&SALES',
'&TXN_DATE')
new   1:  insert into salesdata values('New York', '1300', '11-jan-
1999')

1 row created.

SQL>  insert into salesdata values('&STORE_NAME', '&SALES',
'&TXN_DATE');
Enter value for store_name: Mississippi
Enter value for sales: 200
Enter value for txn_date: 19-jan-1999
old   1:  insert into salesdata values('&STORE_NAME', '&SALES',
'&TXN_DATE')
new   1:  insert into salesdata values('Mississippi', '200', '19-jan-
1999')

1 row created.

SQL> select * from salesdata;

STORE_NAME                       SALES TXN_DATE
------------------------------ ---------- ---------
Los Angeles                        1500 05-JAN-99
San Diego                           250 07-JAN-99
Texas                               550 09-JAN-99
Ottawa                              100 14-JAN-99
Rochester                           900 08-JAN-99
Boston                             1985 18-JAN-99
New York                           1300 11-JAN-99
Mississippi                         200 19-JAN-99

8 rows selected.

SQL>  insert into salesdata values('&STORE_NAME', '&SALES',
'&TXN_DATE');
Enter value for store_name: New Jersey
```

```
Enter value for sales: 2100
Enter value for txn_date: 06-jan-1999
old   1:  insert into salesdata values('&STORE_NAME', '&SALES',
'&TXN_DATE')
new   1:  insert into salesdata values('New Jersey', '2100', '06-jan-
1999')

1 row created.

SQL>  insert into salesdata values('&STORE_NAME', '&SALES',
'&TXN_DATE');
Enter value for store_name: Ottawa
Enter value for sales: 550
Enter value for txn_date: 09-jan-1999
old   1:  insert into salesdata values('&STORE_NAME', '&SALES',
'&TXN_DATE')
new   1:  insert into salesdata values('Ottawa', '550', '09-jan-1999')

1 row created.

SQL>  insert into salesdata values('&STORE_NAME', '&SALES',
'&TXN_DATE');
Enter value for store_name: Austin
Enter value for sales: 10
Enter value for txn_date: 21-jan-1999
old   1:  insert into salesdata values('&STORE_NAME', '&SALES',
'&TXN_DATE')
new   1:  insert into salesdata values('Austin', '10', '21-jan-1999')

1 row created.

SQL> select * from salesdata;

STORE_NAME                       SALES TXN_DATE
------------------------------ ---------- ---------
Los Angeles                        1500 05-JAN-99
San Diego                           250 07-JAN-99
Texas                               550 09-JAN-99
Ottawa                              100 14-JAN-99
Rochester                           900 08-JAN-99
Boston                             1985 18-JAN-99
New York                           1300 11-JAN-99
Mississippi                         200 19-JAN-99
New Jersey                         2100 06-JAN-99
Ottawa                              550 09-JAN-99
Austin                               10 21-JAN-99

11 rows selected.


SQL> select * from salesdata where SALES>1000;

STORE_NAME                       SALES TXN_DATE
------------------------------ ---------- ---------
Los Angeles                        1500 05-JAN-99
Boston                             1985 18-JAN-99
New York                           1300 11-JAN-99
```

```
New Jersey                          2100 06-JAN-99

SQL> select distinct STORE_NAME from salesdata;

STORE_NAME
------------------------------
Los Angeles
San Diego
Ottawa
Mississippi
Rochester
Boston
Austin
Texas
New York
New Jersey

10 rows selected.

SQL> select * from salesdata where SALES>1000 OR SALES<500 AND
SALES>275;

STORE_NAME                          SALES TXN_DATE
------------------------------ ---------- ---------
Los Angeles                          1500 05-JAN-99
Boston                               1985 18-JAN-99
New York                             1300 11-JAN-99
New Jersey                           2100 06-JAN-99

SQL> select * from salesdata where STORE_NAME='Los Angeles' OR
STORE_NAME='San Diego';

STORE_NAME                          SALES TXN_DATE
------------------------------ ---------- ---------
Los Angeles                          1500 05-JAN-99
San Diego                             250 07-JAN-99

SQL> select SALES from salesdata where TXN_DATE BETWEEN '06-JAN-99'
AND '10-JAN-99';

     SALES
----------
       250
       550
       900
      2100
       550

SQL> select STORE_NAME from salesdata where STORE_NAME LIKE '%an%';

STORE_NAME
------------------------------
San Diego

SQL> select STORE_NAME from salesdata where STORE_NAME LIKE '%os%';

STORE_NAME
```

```
------------------------------
Los Angeles
Boston

SQL> select * from salesdata order by SALES desc;

STORE_NAME                          SALES TXN_DATE
------------------------------ ---------- ---------
New Jersey                           2100 06-JAN-99
Boston                               1985 18-JAN-99
Los Angeles                          1500 05-JAN-99
New York                             1300 11-JAN-99
Rochester                             900 08-JAN-99
Texas                                 550 09-JAN-99
Ottawa                                550 09-JAN-99
San Diego                             250 07-JAN-99
Mississippi                           200 19-JAN-99
Ottawa                                100 14-JAN-99
Austin                                 10 21-JAN-99

11 rows selected.

SQL> spool exit
SQL> edit spool
```