```
SQL> create table emp3(empno number(20),ename varchar2(20), job varchar2(10), deptno number(3),sal number(7,
2));

Table created.

SQL>  insert into emp values(&empno,'&ename','&job',&deptno,&sal);
Enter value for empno: 1
Enter value for ename: Sai Mohit
Enter value for job: Developer
Enter value for deptno: 10
Enter value for sal: 50000
old   1:  insert into emp values(&empno,'&ename','&job',&deptno,&sal)
new   1:  insert into emp values(1,'sudhan','Developer',10,50000)

1 row created.

SQL> /
Enter value for empno: 2
Enter value for ename: Adesh
Enter value for job: Manager
Enter value for deptno: 20
Enter value for sal: 65000
old   1:  insert into emp values(&empno,'&ename','&job',&deptno,&sal)
new   1:  insert into emp values(2,'vedha','Manager',20,65000)

1 row created.

SQL> /
Enter value for empno: 3
Enter value for ename: Praneet
Enter value for job: Lecturer
Enter value for deptno: 40
Enter value for sal: 80000
old   1:  insert into emp values(&empno,'&ename','&job',&deptno,&sal)
new   1:  insert into emp values(3,'Praneet','lecturer',40,80000)

1 row created.

SQL> /
Enter value for empno: 4
Enter value for ename: Rishit
Enter value for job: HR
Enter value for deptno: 30
Enter value for sal: 62000
old   1:  insert into emp values(&empno,'&ename','&job',&deptno,&sal)
new   1:  insert into emp values(4,'Rishit ','HR',30,62000)

1 row created.

SQL> /
Enter value for empno: 5
Enter value for ename: Abhinav
Enter value for job: Lecturer
Enter value for deptno: 40
Enter value for sal: 55500
```

old   1: insert into emp values(&empno,'&ename','&job',&deptno,&sal)
new   1: insert into emp values(5,'vijay','lecturer',40,55500)

1 row created.

SQL> /
Enter value for empno: 6
Enter value for ename: Sudhan
Enter value for job: UI/UX
Enter value for deptno: 30
Enter value for sal: 80000
old   1: insert into emp values(&empno,'&ename','&job',&deptno,&sal)
new   1: insert into emp values(6,'Sudhan','UI/UX',30,80000)

1 row created.

SQL> /
Enter value for empno: 7
Enter value for ename: Ayushi
Enter value for job: designer
Enter value for deptno: 30
Enter value for sal: 88000
old   1: insert into emp values(&empno,'&ename','&job',&deptno,&sal)
new   1: insert into emp values(7,'Ayushi','designer',30,88000)

1 row created.

SQL> /
Enter value for empno: 8
Enter value for ename: Sonia
Enter value for job: analyst
Enter value for deptno: 50
Enter value for sal: 72000
old   1: insert into emp values(&empno,'&ename','&job',&deptno,&sal)
new   1: insert into emp values(8,'Sonia','analyst',50,72000)

1 row created.

SQL> select * from emp3;

EMPNO	ENAME	JOB	DEPTNO	SAL
1	Sai Mohit	Developer	10	50000
2	Adesh	Manager	20	65000
3	Praneet	Lecturer	40	80000
4	Rishit	HR	30	62000
5	Abhinav	Lecturer	40	55500
6	Sudhan	UI/UX	30	80000
7	Ayushi	Designer	30	88000
8	Sonia	Analyst	50	72000

8 rows selected.

SQL> desc emp3;
 Name   Null?   Type

```
----------------------------------- ------- ---------------------------
 EMPNO                              NUMBER(20)
 ENAME                              VARCHAR2(20)
 JOB                               VARCHAR2(10)
 DEPTNO                             NUMBER(3)
 SAL                               NUMBER(7,2)
```

SQL> delete from emp3 where job='Lecturer';

2 rows deleted.

SQL> select * from emp3;

```
    EMPNO ENAME              JOB          DEPTNO        SAL
---------- -------------------- ---------- ---------- ----------
        1 Sai Mohit          Developer       10     50000
        2 Adesh              Manager      20     65000
        4 Rishit             HR          30     62000
        6 Sudhan             UI/UX          30     80000
        7 Ayushi             Designer       30     88000
        8 Sonia              Analyst      50     72000
```

6 rows selected.

SQL> select sal from emp3 order by sal;

```
      SAL
----------
    50000
    62000
    65000
    72000
    80000
    88000
```

6 rows selected.

SQL> select sal from emp3 order by sal desc;

```
      SAL
----------
    88000
    80000
    72000
    65000
    62000
    50000
```

6 rows selected.

SQL> select deptno from emp3 where deptno=30;

```
   DEPTNO
----------
       30
```

```
        30
        30

SQL> select ename,deptno from emp3 where deptno=30;

ENAME                DEPTNO
-------------------- ----------
Rishit               30
Sudhan               30
Ayushi               30

SQL> select distinct deptno from emp3;

    DEPTNO
----------
        50
        30
        10
        20

SQL> create table store_info ( store varchar2(15), sales number(6), tax_date number(9));

Table created.

SQL> insert into store_info values ('&store',&sales,&tax_number);
Enter value for store: los angeles
Enter value for sales: 1500
Enter value for tax_number: 10-9-2020
old   1: insert into store_info values ('&store',&sales,&tax_number)
new   1: insert into store_info values ('los angeles',1500,10-9-2020)

1 row created.

SQL> /
Enter value for store: san diego
Enter value for sales: 999
Enter value for tax_number: 6-9-2019
old   1: insert into store_info values ('&store',&sales,&tax_number)
new   1: insert into store_info values ('san diego',999,6-9-2019)

1 row created.

SQL> /
Enter value for store: paris
Enter value for sales: 449
Enter value for tax_number: 26-2-2015
old   1: insert into store_info values ('&store',&sales,&tax_number)
new   1: insert into store_info values ('paris',449,26-2-2015)

1 row created.

SQL> /
Enter value for store: mumbai
Enter value for sales: 555
Enter value for tax_number: 12-12-12
```

```
old   1: insert into store_info values ('&store',&sales,&tax_number)
new   1: insert into store_info values ('mumbai',555,12-12-12)

1 row created.

SQL> /
Enter value for store: chennai
Enter value for sales: 1299
Enter value for tax_number: 3-3-2018
old   1: insert into store_info values ('&store',&sales,&tax_number)
new   1: insert into store_info values ('chennai',1299,3-3-2018)

1 row created.

SQL> /
Enter value for store: new york
Enter value for sales: 300
Enter value for tax_number: 31-8-2010
old   1: insert into store_info values ('&store',&sales,&tax_number)
new   1: insert into store_info values ('new york',300,31-8-2010)

1 row created.

SQL> select 8 from store_info;

        8
----------
        8
        8
        8
        8
        8
        8

6 rows selected.

SQL> select * from store_info;

STORE            SALES  TAX_DATE
--------------- ---------- ----------
los angeles      1500    -2019
san diego         999    -2022
paris             449    -1991
mumbai            555     -12
chennai          1299    -2018
new york          300    -1987

6 rows selected.

SQL> drop table store_info;

Table dropped.

SQL> create table store_info ( store varchar2(15), sales number(6), tax_date number(9));
```

Table created.

```
SQL> insert into store_info (los angeles , 1500 , TO_DATE('2020-10-23','YYYY-MM-DD');
insert into store_info (los angeles , 1500 , TO_DATE('2020-10-23','YYYY-MM-DD')
                           *
ERROR at line 1:
ORA-00917: missing comma

SQL> drop table store_info;

Table dropped.

SQL> create table store_info ( store varchar2(15), sales number(6), tax_date date);

Table created.

SQL> insert into store_info values ( 'los angeles', 1500, TO_DATE('2020-12-5','yyyy-mm-dd'));

1 row created.

SQL> select * from store_info;

STORE              SALES TAX_DATE
--------------- ---------- ---------
los angeles         1500 05-DEC-20

SQL> insert into store_info values ( 'san diego', 999, TO_DATE('2010-1-10','yyyy-mm-dd'));

1 row created.

SQL> insert into store_info values ( 'new york', 449, TO_DATE('2010-1-31','yyyy-mm-dd'));

1 row created.

SQL> insert into store_info values ( 'mumbai', 399, TO_DATE('2018-9-6','yyyy-mm-dd'));

1 row created.

SQL> insert into store_info values ( 'delhi', 250, TO_DATE('2008-10-1','yyyy-mm-dd'));

1 row created.

SQL> insert into store_info values ( 'paris', 665, TO_DATE('2020-4-28','yyyy-mm-dd'));

1 row created.

SQL> select * from store_info;

STORE              SALES TAX_DATE
--------------- ---------- ---------
los angeles         1500 05-DEC-20
san diego            999 10-JAN-10
new york             449 31-JAN-10
mumbai               399 06-SEP-18
delhi                250 01-OCT-08
```

```
paris            665 28-APR-20

6 rows selected.

SQL> select * from store_info where sales=1000;

no rows selected

SQL> select * from store_info where sales>1000;

STORE            SALES TAX_DATE
--------------- ---------- ---------
los angeles      1500 05-DEC-20

SQL> select * from store_info where sales<500 and sales>275;

STORE            SALES TAX_DATE
--------------- ---------- ---------
new york          449 31-JAN-10
mumbai            399 06-SEP-18

SQL> select * from store_info where tax_date between 2010-01-01 and 2010-01-31;
select * from store_info where tax_date between 2010-01-01 and 2010-01-31
                                *
ERROR at line 1:
ORA-00932: inconsistent datatypes: expected DATE got NUMBER


SQL> select * from store_info where tax_date between '10-jan-01' and '10-jan-31';

STORE            SALES TAX_DATE
--------------- ---------- ---------
los angeles      1500 05-DEC-20
san diego         999 10-JAN-10
new york          449 31-JAN-10
mumbai            399 06-SEP-18
delhi             250 01-OCT-08
paris             665 28-APR-20

6 rows selected.

SQL> select * from store_info where store like '%an%';

STORE            SALES TAX_DATE
--------------- ---------- ---------
los angeles      1500 05-DEC-20
san diego         999 10-JAN-10

SQL> select * from store_info order by sales desc;

STORE            SALES TAX_DATE
--------------- ---------- ---------
los angeles      1500 05-DEC-20
san diego         999 10-JAN-10
paris             665 28-APR-20
```

```
new york          449 31-JAN-10
mumbai            399 06-SEP-18
delhi             250 01-OCT-08

6 rows selected.

SQL> select * from store_info where tax_date between '10-jan-01' and '10-feb-31';

STORE            SALES TAX_DATE
--------------- ---------- ---------
los angeles       1500 05-DEC-20
san diego          999 10-JAN-10
new york           449 31-JAN-10
mumbai             399 06-SEP-18
delhi              250 01-OCT-08
paris              665 28-APR-20

6 rows selected.

SQL> spool off
```