```
SQL> desc myrestran;
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------------
 NAME                                               VARCHAR2(12)
 FOODTYPE                                           VARCHAR2(8)
 DIST                                               NUMBER(2)
 LVISIT                                             DATE
 ILIKE                                             NUMBER(1)

SQL> insert into myrestran values('apple_leaf','nonveg',15,'01-jan-2020',1);

1 row created.

SQL> insert into myrestran values('sowmyas','veg',18,'20-mar-2020',1);

1 row created.


SQL>  insert into myrestran(name,
foodtype,dist,lvisit,ilike)values('&name','&foodtype','&dist','&lvisit','&ilike');
Enter value for name: thinnappa
Enter value for foodtype: nonveg
Enter value for dist: 25
Enter value for lvisit: 20-nov-2019
Enter value for ilike: 0
old   1:  insert into myrestran(name,
foodtype,dist,lvisit,ilike)values('&name','&foodtype','&dist','&lvisit','&ilike')
new   1:  insert into myrestran(name,
foodtype,dist,lvisit,ilike)values('thinnappa','nonveg','25','20-nov-2019','0')

1 row created.

SQL>  insert into myrestran(name,
foodtype,dist,lvisit,ilike)values('&name','&foodtype','&dist','&lvisit','&ilike');
Enter value for name: sribhavan
Enter value for foodtype: veg
Enter value for dist: 18
Enter value for lvisit: 20-dec-2019
Enter value for ilike: 0
old   1:  insert into myrestran(name,
foodtype,dist,lvisit,ilike)values('&name','&foodtype','&dist','&lvisit','&ilike')
new   1:  insert into myrestran(name,
foodtype,dist,lvisit,ilike)values('sribhavan','veg','18','20-dec-2019','0')

1 row created.
```

```
SQL>  insert into myrestran(name,
foodtype,dist,lvisit,ilike)values('&name','&foodtype','&dist','&lvisit','&ilike');
Enter value for name: chinaworld
Enter value for foodtype: chinese
Enter value for dist: 14
Enter value for lvisit: 05-mar-2020
Enter value for ilike: 1
old   1:  insert into myrestran(name,
foodtype,dist,lvisit,ilike)values('&name','&foodtype','&dist','&lvisit','&ilike')
new   1:  insert into myrestran(name,
foodtype,dist,lvisit,ilike)values('chinaworld','chinese','14','05-mar-2020','1')

1 row created.

SQL> insert into myrestran(name,
foodtype,dist,lvisit,ilike)values('&name','&foodtype','&dist','&lvisit','&ilike');
Enter value for name: littlechina
Enter value for foodtype: chinese
Enter value for dist: 30
Enter value for lvisit: 10-mar-2020
Enter value for ilike: 0
old   1: insert into myrestran(name,
foodtype,dist,lvisit,ilike)values('&name','&foodtype','&dist','&lvisit','&ilike')
new   1: insert into myrestran(name,
foodtype,dist,lvisit,ilike)values('littlechina','chinese','30','10-mar-2020','0')

1 row created.

SQL>  insert into myrestran(name,
foodtype,dist,lvisit,ilike)values('&name','&foodtype','&dist','&lvisit','&ilike');
Enter value for name: munivilas
Enter value for foodtype: nonveg
Enter value for dist: 20
Enter value for lvisit: 05-dec-2019
Enter value for ilike:
old   1:  insert into myrestran(name,
foodtype,dist,lvisit,ilike)values('&name','&foodtype','&dist','&lvisit','&ilike')
new   1:  insert into myrestran(name,
foodtype,dist,lvisit,ilike)values('munivilas','nonveg','20','05-dec-2019','')

1 row created.

SQL>  insert into myrestran(name,
foodtype,dist,lvisit,ilike)values('&name','&foodtype','&dist','&lvisit','&ilike');
Enter value for name: dosacorner
Enter value for foodtype: nonveg
Enter value for dist: 10
Enter value for lvisit: 05-feb-2020
Enter value for ilike: 1
```

```
old    1:  insert into myrestran(name,
foodtype,dist,lvisit,ilike)values('&name','&foodtype','&dist','&lvisit','&ilike')
new    1:  insert into myrestran(name,
foodtype,dist,lvisit,ilike)values('dosacorner','nonveg','10','05-feb-2020','1')

1 row created.

SQL> desc myrestran;
 Name                                      Null?    Type
 ----------------------------------------- -------- -----------------------------
 NAME                                               VARCHAR2(12)
 FOODTYPE                                           VARCHAR2(8)
 DIST                                               NUMBER(2)
 LVISIT                                             DATE
 ILIKE                                              NUMBER(1)

SQL> select * from myrestran;

NAME            FOODTYPE       DIST LVISIT         ILIKE
------------    --------    ---------- ---------  ----------
apple_leaf      nonveg           15 01-JAN-20          1
sowmyas         veg              18 20-MAR-20          1
thinnappa       nonveg           25 20-NOV-19          0
sribhavan       veg              18 20-DEC-19          0
chinaworld      chinese          14 05-MAR-20          1
littlechina     chinese          30 10-MAR-20          0
munivilas       nonveg           20 05-DEC-19
dosacorner      nonveg           10 05-FEB-20          1

8 rows selected.


SQL> select listagg(name,',')within group(order by name)name from  myrestran;

NAME
--------------------------------------------------------------------------------
apple_leaf,chinaworld,dosacorner,littlechina,munivilas,sowmyas,sribhavan,thinnap
pa


SQL> select listagg(foodtype,'|')within group(order by foodtype)name from
myrestran;

NAME
--------------------------------------------------------------------------------
chinese|chinese|nonveg|nonveg|nonveg|nonveg|veg|veg

SQL> alter table myrestran modify(name varchar(15),foodtype varchar(15),dist
number(15),ilike number(15));
```

```
Table altered.

SQL> select * from myrestran;

NAME            FOODTYPE              DIST LVISIT        ILIKE
--------------- --------------- ---------- --------- ----------
apple_leaf      nonveg                  15 01-JAN-20           1
sowmyas         veg                     18 20-MAR-20           1
thinnappa       nonveg                  25 20-NOV-19           0
sribhavan       veg                     18 20-DEC-19           0
chinaworld      chinese                 14 05-MAR-20           1
littlechina     chinese                 30 10-MAR-20           0
munivilas       nonveg                  20 05-DEC-19
dosacorner      nonveg                  10 05-FEB-20           1

8 rows selected.

SQL> select replace(ilike,'1','i liked it')from myrestran;

REPLACE(ILIKE,'1','ILIKEDIT')
--------------------------------------------------------------------------------
i liked it
i liked it
0
0
i liked it
0

i liked it

8 rows selected.

SQL> select replace(ilike,'0','i hateed it')from myrestran;

REPLACE(ILIKE,'0','IHATEEDIT')
--------------------------------------------------------------------------------
1
1
i hateed it
i hateed it
1
i hateed it

1

8 rows selected.


SQL>  select name,dist from myrestran where dist<=20 order by name;
```

```
NAME              DIST
--------------- ----------
apple_leaf            15
chinaworld           14
dosacorner           10
munivilas            20
sowmyas              18
sribhavan            18

6 rows selected.


SQL> select name from myrestran where foodtype='chinese'order by name desc;

NAME
---------------
littlechina
chinaworld

SQL> select name from myrestran where lvisit>'05-feb-2020'order by name asc;

NAME
---------------
chinaworld
littlechina
sowmyas


SQL> select name from myrestran where ilike=1 and lvisit>='01-jan-2020';

NAME
---------------
apple_leaf
sowmyas
chinaworld
dosacorner

SQL> select name from myrestran where dist<=15 and foodtype='chinese';

NAME
---------------
chinaworld

SQL>
```