

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

Table created.

```
SQL> insert into shop_details values ('&store',&sales,&tax_number);
```

Enter value for store: los angeles

Enter value for sales: 1500

Enter value for tax_number: 10-09-2020

```
old 1: insert into shop_details values ('&store',&sales,&tax_number)
```

```
new 1: insert into shop_details values ('los angeles',1500,10-09-2020)
```

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 shop_details values ('&store',&sales,&tax_number)
```

```
new 1: insert into shop_details 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 shop_details values ('&store',&sales,&tax_number)
```

```
new 1: insert into shop_details 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 shop_details values ('&store',&sales,&tax_number)
```

```
new 1: insert into shop_details 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 shop_details values ('&store',&sales,&tax_number)
```

```
new 1: insert into shop_details 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: 31-8-2-2010

```
old 1: insert into shop_details values ('&store',&sales,&tax_number)
```

```
new 1: insert into shop_details values ('new york',300,31-8-2-2010)
```

1 row created.

```
SQL> select * from shop_details;
```

STORE	SALES	TAX_DATE
los angeles	1500	-2019
san diego	999	-2022
paris	449	-1991
mumbai	555	-12
chennai	1299	-2018
new york	300	-1989

6 rows selected.

```
SQL> drop table shop_details;
```

Table dropped.

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

Table created.

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

1 row created.

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

1 row created.

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

1 row created.

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

1 row created.

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

1 row created.

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

1 row created.

```
SQL> select * from shop_details;
```

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> create table map (reg_name varchar2(15), store varchar2(15));

Table created.

SQL> insert into map values ('east', 'new york');

1 row created.

SQL> insert into map values ('east', 'san diego');

1 row created.

SQL> insert into map values ('west', 'paris');

1 row created.

SQL> insert into map values ('west', 'mumbai');

1 row created.

SQL> insert into map values ('north', 'delhi');

1 row created.

SQL> insert into map values ('north', 'los angeles');

1 row created.

SQL> select * from map;

REG_NAME	STORE
east	new york
east	san diego
west	paris
west	mumbai
north	delhi
north	los angeles

6 rows selected.

SQL> SELECT * FROM shop_details FETCH FIRST 3 ROWS ONLY;

STORE	SALES	TAX_DATE
los angeles	1500	05-DEC-20
san diego	999	10-JAN-10
new york	449	31-JAN-10

SQL> SELECT * FROM shop_details FETCH FIRST 25 PERCENT ROWS ONLY;

STORE	SALES	TAX_DATE
-------	-------	----------

```
los angeles      1500 05-DEC-20
san diego        999 10-JAN-10
```

```
SQL> SELECT * FROM shop_details FETCH FIRST 50 PERCENT ROWS ONLY;
```

```
STORE            SALES TAX_DATE
-----
los angeles      1500 05-DEC-20
san diego        999 10-JAN-10
new york         449 31-JAN-10
```

```
SQL> insert into map values('south','chennai');
```

```
1 row created.
```

```
SQL> insert into map values('south','hyderabad');
```

```
1 row created.
```

```
SQL> select * from map;
```

```
REG_NAME        STORE
-----
east            new york
east            san diego
west            paris
west            mumbai
north           delhi
north           los angeles
south           chennai
south           hyderabad
```

```
8 rows selected.
```

```
SQL> select * from shop_details where exists (select * from map where map.store =
shop_details.store);
```

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

```
6 rows selected.
```

```
SQL> select store from shop_details where exists (select * from map where map.store =
shop_details.store and shop_details.sales >700);
```

```
STORE
-----
san diego
los angeles
```

```
SQL> select store from shop_details where exists (select * from map where
map.store = shop_details.store and shop_details.sales <700);
```

STORE

new york
paris
mumbai
delhi

```
SQL> select store from shop_details where exists (select * from map where map.store = shop_details.store and shop_details.sales =1500);
```

STORE

los angeles

```
SQL> select store, case store when 'los angeles' then sales*2 when 'mumbai' then sales*3 else sales end "new-sales" ,tax_date from shop_details;
```

STORE	new-sales	TAX_DATE
los angeles	3000	05-DEC-20
san diego	999	10-JAN-10
new york	449	31-JAN-10
mumbai	1197	06-SEP-18
delhi	250	01-OCT-08
paris	665	28-APR-20

6 rows selected.

```
SQL> select * from shop_details;
```

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 store, case store when 'los angeles' then sales*2 when 'mumbai' then sales*3 else sales*4 end "new-sales" from shop_details;
```

STORE	new-sales
los angeles	3000
san diego	3996
new york	1796
mumbai	1197
delhi	1000
paris	2660

6 rows selected.

```
SQL> insert into shop_details (storeid,store,sales,tax_date) values (store_id.nextval, 'pune', 2008, to_date('2022-01-01','yyyy-mm-dd'));
```

1 row created.

```
SQL> select * from shop_details;
```

STORE	SALES	TAX_DATE	STOREID
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	
pune	2008	01-JAN-22	1

7 rows selected.

```
SQL> insert into shop_details (store,sales,tax_date,storeid) values ('los angeles',  
1500, to_date('2020-12-05', 'yyyy-mm-dd'), store_id.nextval);
```

1 row created.

```
SQL> select * from shop_details;
```

STORE	SALES	TAX_DATE	STOREID
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	
pune	2008	01-JAN-22	1
los angeles	1500	05-DEC-20	2

8 rows selected.

```
SQL> select * from map;
```

REG_NAME	STORE
east	new york
east	san diego
west	paris
west	mumbai
north	delhi
north	los angeles
south	chennai
south	hyderabad

8 rows selected.

```
SQL> select store from shop_details union select store from map order by store;
```

STORE
pune
chennai
delhi
hyderabad

los angeles
mumbai
new york
paris
san diego

9 rows selected.

```
select store, storeid from shop_details where store='los angeles' union select  
store, reg_name from map where store='los angeles' order by store;
```

STORE	STOREID
-----	-----
pune	1
los angeles	2
los angeles	11

```
SQL> select store from shop_details intersect select store from map;
```

STORE

delhi
mumbai
new york
pune

```
SQL> select storeid from shop_details minus select storeid from map;
```

STOREID

2

```
SQL> select store from shop_details minus select store from map;
```

STORE

delhi
los angeles
mumbai
new york
san diego
pune

6 rows selected.

```
SQL> select * from shop_details;
```

STORE	SALES	TAX_DATE	STOREID
-----	-----	-----	-----
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	
pune	2008	01-JAN-22	1
los angeles	1500	05-DEC-20	2

8 rows selected.

```
SQL> spool off
```