Code:

create table customer(

cust\_no int,

cname varchar(20),

city varchar(20),

primary key(cust\_no));

create table orders(

order\_no int,

odate date,

cust\_no int,

ord\_amt int,

primary key(order\_no),

foreign key(cust\_no) references customer(cust\_no));

create table item(

item\_no int,

unit\_price int,

primary key(item\_no));

create table order\_item(

order\_no int,

item\_no int ,

qty int,

foreign key(order\_no) references orders(order\_no),

foreign key(item\_no) references item(item\_no) on delete set NULL);

create table warehouse(

warehouse\_no int,

city varchar(20),

primary key(warehouse\_no));

create table shipment(

order\_no int,

warehouse\_no int,

shit\_date date,

foreign key(order\_no) references orders(order\_no),

foreign key(warehouse\_no) references warehouse(warehouse\_no));

insert into customer values('&cust\_no', '&cname', '&city');

select \* from customer;

insert into orders values('&order\_no', '&odate',' &cust\_no', '&ord\_amt');

select \* from orders;

insert into item values('&item\_no',' &unit\_price');

select \*from item;

insert into order\_item values('&order\_no', '&item\_no',' &qty');

select \*from order\_item;

insert into warehouse values('&warehouse\_no', '&city');

select \*from warehouse;

insert into shipment values('&order\_no', '&warehouse\_no', '&shit\_date');

select \* from shipment;

select C.cname, count(\*) as NO\_OF\_ORDERS, avg(O.ord\_amt) as

AVG\_ORDER\_AMT

from customer C, orders O

where (C.cust\_no = O.cust\_no) group by cname;

select \* from orders where order\_no in (

select order\_no from shipment where warehouse\_no in (

select warehouse\_no from warehouse where city='bangalore'));

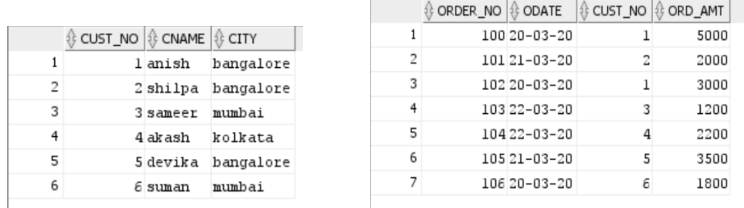
delete from item

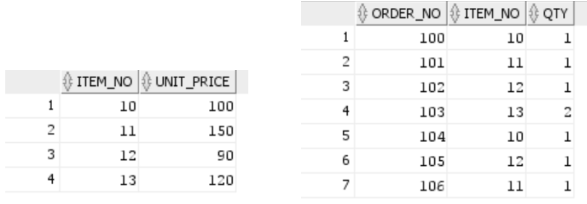
where item\_no = 10;

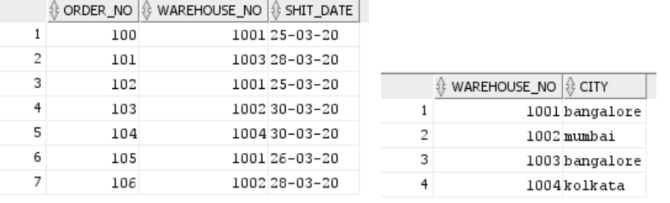
**OUTPUT:**

TABLES

Customer order



Items order\_item

 Warehouse shipment

