```
create database order_process;
use order_process;
CREATING TABLES:
create table customer(cust_no int primary key auto_increment,cname varchar(20),city
varchar(28));
create table order1(order_no int primary key,odate date,cust_no int,ord_amt int,foreign
key(cust_no) references customer(cust_no));
create table item(item_no int primary key,unit_price int);
create table order1_item(order_no int,item_no int primary key,qty int,foreign key(order_no)
references order1(order_no),foreign key(item_no) references item(item_no) on delete
cascade);
create table warehouse (warehouse no int primary key, city varchar(28));
create table shipment(order_no int primary key,ship_date date,warehouse_no int,foreign
key(order_no) references order1(order_no));
alter table order1_item drop foreign key item_no;
insert into customer(cname,city) values
("soundarya", "bangalore"), ("soundu", "bangalore"), ("lucy", "mysore"), ("aria", "mumbai"), ("em
ily", "mysore");
select * from customer;
INSERTING VALUES
insert into order1(order_no,odate,cust_no,ord_amt) values ("463","2020-03-17",5,666);
select * from order1;
insert into item(item_no,unit_price) values
(11,5),(22,666),(33,6300),(44,2300),(55,666),(66,7370),(77,7300),(88,400);
select * from item;
insert into order1_item(order_no,item_no,qty) values
(123,11,1),(435,22,1),(441,33,2),(444,44,2),(445,55,1),(485,66,1);
select * from order1_item;
insert into warehouse(warehouse_no ,city) values
(50, "bangalore"), (51, "bangalore"), (52, "mysore"), (53, "mumbai"), (54, "mysore");
```

select \* from warehouse;

#### **QUERIES:**

insert into shipment(order\_no,ship\_date,warehouse\_no) values (123,'2020-03-30',50),(435,'2020-03-31',51),(441,'2020-03-30',52),(444,'2020-03-28',53),(445,'2020-03-27',54),(485,'2020-03-27',54);

select \* from shipment;

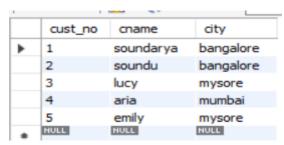
select cname,count(order\_no) as no\_of\_orders,avg(ord\_amt) as avg\_amt from customer c,order1 o where c.cust\_no=o.cust\_no group by c.cust\_no;

select city,order\_no from shipment s join warehouse w on s.warehouse\_no=w.warehouse\_no group by s.warehouse\_no;

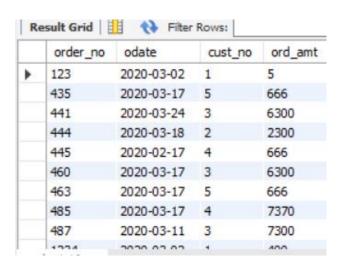
delete from item where item\_no=10;

set sql\_safe\_updates=0;

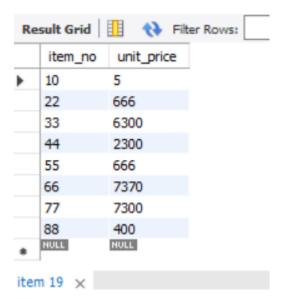
### **Customer table**



### Order table



### Item table



## Order item table

	order_no	item_no	qty
•	123	10	1
	435	22	1
	441	33	2
	444	44	2
	445	55	1
	485	66	1
	NULL	NULL	NULL

### Warehouse table

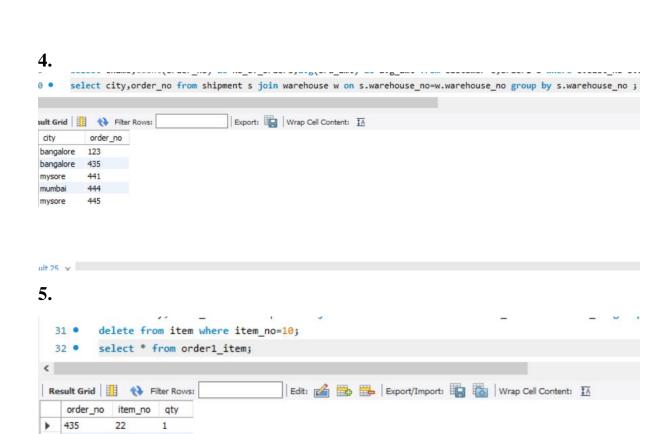
	warehouse_no	city
•	50	bangalore
	51	bangalore
	52	mysore
	53	mumbai
	54	mysore
	NULL	NULL

## **Shipment table**

	order_no	ship_date	warehous	se no
•	123	2020-03-30	50	
	435	2020-03-31	51	51
	441	2020-03-30	52	
	444	2020-03-28	53	
	445	2020-03-27	54	
	485	2020-03-27	54	
	NULL	NULL	NULL	

# **Queries:**





33 2

55 1

66 1

44

441 444

445

485 \*