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

("Varad","bangalore"),("Vara","bangalore"),("lucy","mysore"),("aria","mumbai"),("emily","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:

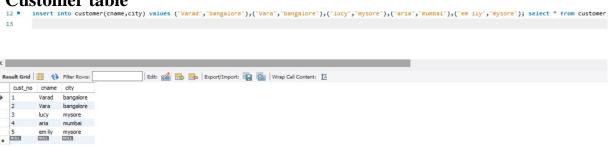
insert into shipment(order_no,ship_date,warehouse_no) values (123,'2020-03-30',50),(435,'2020-03-31',51),(441,'2020-03-30',52),(444,'2020-03-28',53),(445,'2020-03-27',54),(485,'2020-03-27',54); select

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

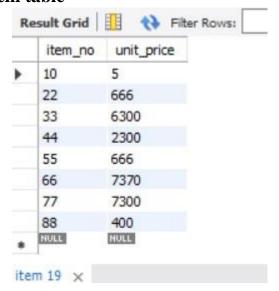


Order table



^{*} from shipment;

Item table



Order item table

	order_no	item_no	qty
١	123	10	1
	435	22	1
	441	33	2
	444	44	2
	445	55	1
	485	66	1
	NULL	NULL	HULL

Warehouse table

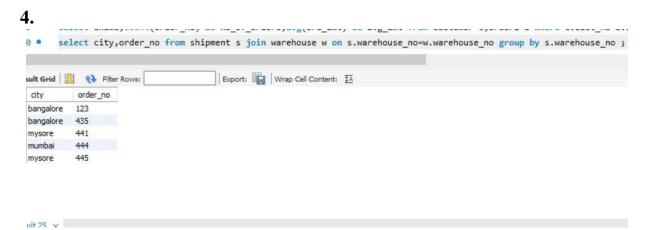
	warehouse_no	city
٠	50	bangalore
	51	bangalore
	52	mysore
	53	mumbai
	54	mysore
	MULL	NULL

Shipment table

	order_no	ship_date 2020-03-30	warehouse_no	
•	123		50	0.0
	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	HULL	NULL	

Queries:

3.



5.

