

```
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

	cust_no	cname	city
▶	1	soundarya	bangalore
	2	soundu	bangalore
	3	lucy	mysore
	4	aria	mumbai
	5	emily	mysore
★	NULL	NULL	NULL

Order table

Result Grid   Filter Rows: <input type="text"/>				
	order_no	odate	cust_no	ord_amt
▶	123	2020-03-02	1	5
	435	2020-03-17	5	666
	441	2020-03-24	3	6300
	444	2020-03-18	2	2300
	445	2020-02-17	4	666
	460	2020-03-17	3	6300
	463	2020-03-17	5	666
	485	2020-03-17	4	7370
	487	2020-03-11	3	7300
	488	2020-03-02	1	400

Item table

Result Grid			Filter Rows:
	item_no	unit_price	
▶	10	5	
	22	666	
	33	6300	
	44	2300	
	55	666	
	66	7370	
	77	7300	
	88	400	
*	NULL	NULL	

item 19 ×

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	warehouse_no
▶	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
•	NULL	NULL	NULL

Queries:

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29 • `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;`

<

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

	cname	no_of_orders	avg_amt
▶	soundarya	2	202.5000
	soundu	1	2300.0000
	lucy	3	6633.3333
	aria	2	4018.0000
	emily	2	666.0000

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```
0 • select city,order_no from shipment s join warehouse w on s.warehouse_no=w.warehouse_no group by s.warehouse_no ;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

city	order_no
bangalore	123
bangalore	435
mysore	441
mumbai	444
mysore	445

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5.

```
31 • delete from item where item_no=10;
```

```
32 • select * from order1_item;
```

< Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: |

	order_no	item_no	qty
▶	435	22	1
	441	33	2
	444	44	2
	445	55	1
	485	66	1
*	NULL	NULL	NULL