

MySQL Workbench

Local Server x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

book_dealer
faculty_login
insurance
order_processing
Tables
customer
item
order_item
orders
shipment
warehouse
Views
Stored Procedures
Functions
sys

Administration Schemas

Information

No object selected

order_processing x

Limit to 1000 rows

```
1 • create database order_processing;
2 • use order_processing;
3 • create table customer(cust_no int,cname varchar(50),city varchar(50),primary key(cust_no));
4 • 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));
5 • create table item(item_no int,unit_price int,primary key(item_no));
6 • create table order_item(order_no int,item_no int,quantity int,primary key(order_no,item_no),foreign key(order_no) references orders(order_no),
7 • foreign key(item_no) references item(item_no) on delete cascade);
8 • create table warehouse(warehouse_no int,city varchar(50),primary key(warehouse_no));
9 • create table shipment(order_no int,warehouse_no int,ship_date date,primary key(order_no,warehouse_no),foreign key(order_no) references orders(order_no),
10 • foreign key(warehouse_no) references warehouse(warehouse_no));
11 • select*from customer;
12 • insert into customer values('771','PUSHPA K','BANGALORE');
13 • insert into customer values('772','SUMAN','MUMBAI');
14 • insert into customer values('773','SOURAV','CALICUT');
15 • insert into customer values('774','LAILA','HYDERABAD');
16 • insert into customer values('775','FAIZAL','BANGALORE');
17 • commit;
18 • select*from orders;
19 • insert into orders values('111','22-01-02','771','18000');
20 • insert into orders values('112','30-07-02','774','6000');
21 • insert into orders values('113','03-04-03','775','9000');
22 • insert into orders values('114','03-11-03','775','29000');
23 • insert into orders values('115','10-12-03','773','29000');
24 • insert into orders values('116','19-08-04','772','56000');
25 • insert into orders values('117','10-09-04','771','20000');
26 • insert into orders values('118','20-11-04','775','29000');
27 • insert into orders values('119','13-02-05','774','29000');
28 • insert into orders values('120','13-10-05','775','29000');
29 • commit;
```

MySQL Workbench

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Navigator order_processing x

Limit to 1000 rows

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Administration Schemas

Information

No object selected

```
28 • insert into orders values('120','13-10-05','775','29000');
29 • commit;
30 • select*from item;
31 • insert into item values('5001','503');
32 • insert into item values('5002','750');
33 • insert into item values('5003','150');
34 • insert into item values('5004','600');
35 • insert into item values('5005','890');
36 • commit;
37 • select*from order_item;
38 • insert into order_item values('111','5001','50');
39 • insert into order_item values('112','5003','20');
40 • insert into order_item values('113','5002','50');
41 • insert into order_item values('114','5005','60');
42 • insert into order_item values('115','5004','90');
43 • insert into order_item values('116','5001','10');
44 • insert into order_item values('117','5003','80');
45 • insert into order_item values('118','5005','50');
46 • insert into order_item values('119','5002','10');
47 • insert into order_item values('120','5004','45');
48 • commit;
49 • select*from warehouse;
50 • insert into warehouse values('1','DELHI');
51 • insert into warehouse values('2','BOMBAY');
52 • insert into warehouse values('3','CHENNAI');
53 • insert into warehouse values('4','BANGALORE');
54 • insert into warehouse values('5','BANGALORE');
55 • insert into warehouse values('6','DELHI');
56 • insert into warehouse values('7','BOMBAY');
```

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Administration Schemas

Information

No object selected

order_processing

Limit to 1000 rows

```
51 • insert into warehouse values('2','BOMBAY');
52 • insert into warehouse values('3','CHENNAI');
53 • insert into warehouse values('4','BANGALORE');
54 • insert into warehouse values('5','BANGALORE');
55 • insert into warehouse values('6','DELHI');
56 • insert into warehouse values('7','BOMBAY');
57 • insert into warehouse values('8','CHENNAI');
58 • insert into warehouse values('9','DELHI');
59 • insert into warehouse values('10','BANGALORE');
60 • commit;
61 • select*from shipment;
62 • insert into shipment values('111','1','10-02-02');
63 • insert into shipment values('112','5','10-09-02');
64 • insert into shipment values('113','8','10-02-03');
65 • insert into shipment values('114','3','10-12-03');
66 • insert into shipment values('115','9','19-01-04');
67 • insert into shipment values('116','1','20-09-04');
68 • insert into shipment values('117','5','10-09-04');
69 • insert into shipment values('118','7','30-11-04');
70 • insert into shipment values('119','7','30-04-05');
71 • insert into shipment values('120','6','21-12-05');
72 • commit;
73 • select c.cname,count(*),avg(ord_amt) from customer c,orders o where c.cust_no=o.cust_no group by c.cname;
74
75 • select order_no from warehouse w,shipment s where w.warehouse_no=s.warehouse_no and city='CHENNAI';
76
77 • delete from item where item_no='5004';
78 • select*from item;
```

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```
9 • create table shipment(order_no int,warehouse_no int,ship_date date,primary key(order_no,warehouse_no),foreign key(order_no) references orders(order_no),
10 foreign key(warehouse_no) references warehouse(warehouse_no));
11 • select*from customer;
12 • insert into customer values('771','PUSHPA K','BANGALORE');
13 • insert into customer values('772','SUMAN','MUMBAI');
14 • insert into customer values('773','SOURAV','CALICUT');
15 • insert into customer values('774','LAILA','HYDERABAD');
```

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

	cust_no	cname	city
▶	771	PUSHPA K	BANGALORE
	772	SUMAN	MUMBAI
	773	SOURAV	CALICUT
	774	LAILA	HYDERABAD
	775	FAIZAL	BANGALORE
*	NULL	NULL	NULL



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Limit to 1000 rows

```
16 • insert into customer values('775','FAIZAL','BANGALORE');
17 • commit;
18 • select*from orders;
19 • insert into orders values('111','22-01-02','771','18000');
20 • insert into orders values('112','30-07-02','774','6000');
21 • insert into orders values('113','03-04-03','775','9000');
22 • insert into orders values('114','03-11-03','775','29000');
```

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

	order_no	odate	cust_no	ord_amt
▶	111	2022-01-02	771	18000
	112	2030-07-02	774	6000
	113	2003-04-03	775	9000
	114	2003-11-03	775	29000
	115	2010-12-03	773	29000
	116	2019-08-04	772	56000
	117	2010-09-04	771	20000
	118	2020-11-04	775	29000
	119	2013-02-05	774	29000
	120	2013-10-05	775	29000
*	NULL	NULL	NULL	NULL



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```
28 • insert into orders values('120','13-10-05','775','29000');
29 • commit;
30 • select*from item;
31 • insert into item values('5001','503');
32 • insert into item values('5002','750');
33 • insert into item values('5003','150');
34 • insert into item values('5004','600');
```

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

	item_no	unit_price
▶	5001	503
	5002	750
	5003	150
	5004	600
	5005	890
*	HULL	HULL



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```
34 • insert into item values('5004','600');
35 • insert into item values('5005','890');
36 • commit;
37 • select*from order_item;
38 • insert into order_item values('111','5001','50');
39 • insert into order_item values('112','5003','20');
40 • insert into order_item values('113','5002','50');
```

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

	order_no	item_no	quantity
▶	111	5001	50
	112	5003	20
	113	5002	50
	114	5005	60
	115	5004	90
	116	5001	10
	117	5003	80
	118	5005	50
	119	5002	10
	120	5004	45
*	NULL	NULL	NULL



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Limit to 1000 rows

```
46 • insert into order_item values('119','5002','10');
47 • insert into order_item values('120','5004','45');
48 • commit;
49 • select*from warehouse;
50 • insert into warehouse values('1','DELHI');
51 • insert into warehouse values('2','BOMBAY');
52 • insert into warehouse values('3','CHENNAI');
```

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

	warehouse_no	city
▶	1	DELHI
	2	BOMBAY
	3	CHENNAI
	4	BANGALORE
	5	BANGALORE
	6	DELHI
	7	BOMBAY
	8	CHENNAI
	9	DELHI
	10	BANGALORE
*	NULL	NULL

SCHEMAS

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```
58 • insert into warehouse values('9','DELHI');
59 • insert into warehouse values('10','BANGALORE');
60 • commit;
61 • select*from shipment;
62 • insert into shipment values('111','1','10-02-02');
63 • insert into shipment values('112','5','10-09-02');
64 • insert into shipment values('113','8','10-02-03');
```

	order_no	warehouse_no	ship_date
▶	111	1	2010-02-02
	112	5	2010-09-02
	113	8	2010-02-03
	114	3	2010-12-03
	115	9	2019-01-04
	116	1	2020-09-04
	117	5	2010-09-04
	118	7	2030-11-04
	119	7	2030-04-05
	120	6	2021-12-05
*	NULL	NULL	NULL



SCHEMAS

Filter objects

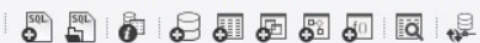
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```
68 • insert into shipment values('117','5','10-09-04');
69 • insert into shipment values('118','7','30-11-04');
70 • insert into shipment values('119','7','30-04-05');
71 • insert into shipment values('120','6','21-12-05');
72 • commit;
73 • select c.cname,count(*),avg(ord_amt) from customer c,orders o where c.cust_no=o.cust_no group by c.cname;
74
```

Result Grid Filter Rows: Export: Wrap Cell Content:

	cname	count(*)	avg(ord_amt)
▶	PUSHPA K	2	19000.0000
	SUMAN	1	56000.0000
	SOURAV	1	29000.0000
	LAILA	2	17500.0000
	FAIZAL	4	24000.0000



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```
70 • insert into shipment values('119','7','30-04-05');
71 • insert into shipment values('120','6','21-12-05');
72 • commit;
73 • select c.cname,count(*),avg(ord_amt) from customer c,orders o where c.cust_no=o.cust_no group by c.cname;
74
75 • select order_no from warehouse w,shipment s where w.warehouse_no=s.warehouse_no and city='CHENNAI';
76
```

Result Grid Filter Rows: Export: Wrap Cell Content:

	order_no
▶	114
	113



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```
69 • insert into shipment values('118','7','30-11-04');
70 • insert into shipment values('119','7','30-04-05');
71 • insert into shipment values('120','6','21-12-05');
72 • commit;
73 • select c.cname,count(*),avg(ord_amt) from customer c,orders o where c.cust_no=o.cust_no group by c.cname;
74
75 • select order_no from warehouse w,shipment s where w.warehouse_no=s.warehouse_no and city='CHENNAI';
76
77 • delete from item where item_no='5004';
78 • select*from item;
```

Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content: [IA](#)

	item_no	unit_price
▶	5001	503
	5002	750
	5003	150
	5005	890
•	NULL	NULL