```
1 .
       create database order_processing;
 2 .
       show databases;
       use order_processing;
 3 •
 4 • ⊖ create table customer(
       cust_no int,
 5
       cname varchar(20),
 6
       city varchar(20),
 7
       primary key(cust_no)
 8
      );
 9
10 • ⊖ create table cust_order(
11
       order_no int,
       odate date,
12
       cust no int,
13
       ord_amt int,
14
       primary key(order_no),
15
       foreign key(cust_no) references customer(cust_no)
16
       );
17
18 • ⊖ create table item(
19
       items int,
       unit price int,
20
       primary key(items)
21
22
23 • Greate table order_items(
```

```
);
 22
 23 • ⊖ create table order_items(
         order_no int,
  24
         items int,
  25
         qty int,
  26
         foreign key(order_no) references cust_order(order_no),
  27
         foreign key(items) references item(items)
  28
  29
 30 • ⊖ create table warehouse(
         warehouse_no int,
  31
         city varchar(20),
  32
  33
         primary key(warehouse_no)
  34
         );
 35 • ⊖ create table shipment(
         order_no int,
  36
         warehouse no int,
  37
         ship_date date,
  38
         foreign key(order_no) references cust_order(order_no),
  39
         foreign key(warehouse_no) references warehouse(warehouse_no)
  40
         );
 41
         insert into customer values (771, 'PUSHPA K', 'BANGALORE');
 42 •
         insert into customer values (772, 'SUMAN', 'MUMBAI');
 43 •
         insert into customer values (773, 'SOURAV', 'CALICUT');
<
```

```
44 0
       insert into customer values (773, 'SOURAV', 'CALICUT');
       insert into customer values (774, 'LAILA', 'HYDERABAD');
45 •
       insert into customer values (775, 'FAIZAL', 'BANGALORE');
46 •
47 •
       commit:
       select * from customer;
48 •
       insert into cust order values (111, '22-01-02',771, 18000);
49 •
       insert into cust order values (112, '30-07-02',774,6000);
50 •
51 •
       insert into cust_order values (113, '03-04-03',775,9000);
52 •
       insert into cust_order values (114, '03-09-03',775,29000);
53 •
       insert into cust order values (115, '10-12-03', 773, 29000);
54 •
       insert into cust order values (116, '19-08-04',772,56000);
       insert into cust order values (117, '10-09-04', 771, 20000);
55 •
       insert into cust order values (118, '20-11-04', 775, 29000);
56 •
57 •
       insert into cust order values (119, '13-02-05',774,29000);
58 •
       insert into cust_order values (120, '13-10-05',775,29000);
59 •
       commit;
       select * from cust order;
60 •
       insert into item values (5001,503);
61 •
       insert into item values (5002,750);
62 •
63 •
       insert into item values (5003,150);
       insert into item values (5004,600);
64 •
65 •
       insert into item values (5005,890);
66 •
       commit;
```

<

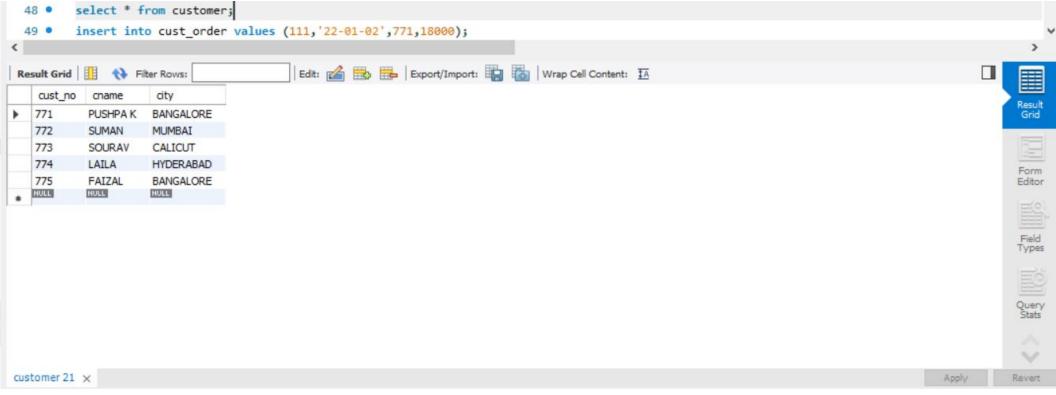
```
65 •
       insert into item values (5005,890);
66 •
       commit;
67 •
       select * from item;
       insert into order_items values (111,5001,50);
68 •
       insert into order_items values (112,5003,20);
69 •
70 •
       insert into order items values (113,5002,50);
71 •
       insert into order items values (114,5005,60);
       insert into order items values (115,5004,90);
72 •
73 •
       insert into order_items values (116,5001,10);
74 •
       insert into order items values (117,5003,80);
75 •
       insert into order_items values (118,5002,50);
       insert into order_items values (119,5005,10);
76 •
       insert into order items values (120,5004,45);
77 •
78 •
       commit;
       select * from order items;
79 •
80 .
       insert into warehouse values (1, 'DELHI');
81 •
       insert into warehouse values (2, 'BOMBAY');
       insert into warehouse values (3, 'CHENNAI');
82 •
       insert into warehouse values (4, 'BANGALORE');
83 •
84 •
       insert into warehouse values (5, 'BANGALORE');
       insert into warehouse values (6, 'DELHI');
85 •
86 •
       insert into warehouse values (7, 'BOMBAY');
       insert into warehouse values (8, 'CHENNAI');
87 •
```

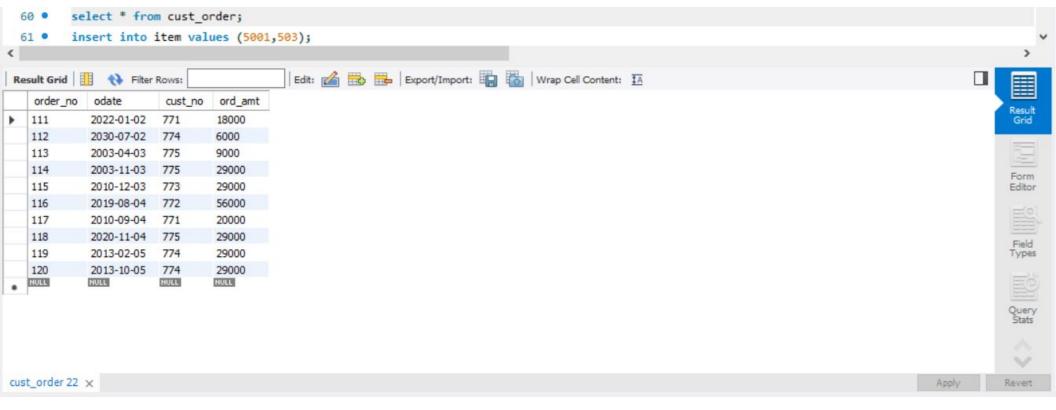
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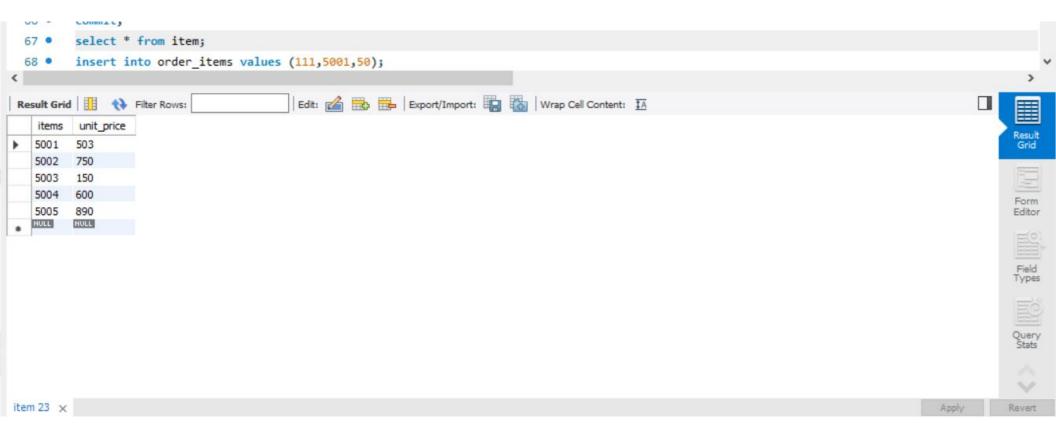
```
86 •
        insert into warehouse values (7, 'BOMBAY');
        insert into warehouse values (8, 'CHENNAI');
 87 •
        insert into warehouse values (9, 'DELHI');
 88 •
        insert into warehouse values (10, 'BANGALORE');
 89 •
        commit:
 90 •
        select * from warehouse;
 91 •
        insert into shipment values (111,1,10-02-02);
 92 •
        insert into shipment values (112,5,10-09-02);
 93 •
        insert into shipment values (113,8,10-02-03);
 94 •
        insert into shipment values (114,3,10-12-03);
 95 •
        insert into shipment values (115,9,19-01-04);
 96 •
        insert into shipment values (116,1,20-09-04);
 97 •
        insert into shipment values (117,5,10-09-04);
 98 •
 99 •
        insert into shipment values (118,7,30-11-04);
        insert into shipment values (119,7,30-04-05);
100 •
        insert into shipment values (120,6,21-12-05);
101 •
102 •
        commit;
        select * from shipment;
103 •
104
        select C.cname,COUNT(O.order_no),avg(O.ord_amt)
105 •
        from customer C, cust order O
106
        where C.cust_no=O.cust_no group by O.cust_no;
107
108
```

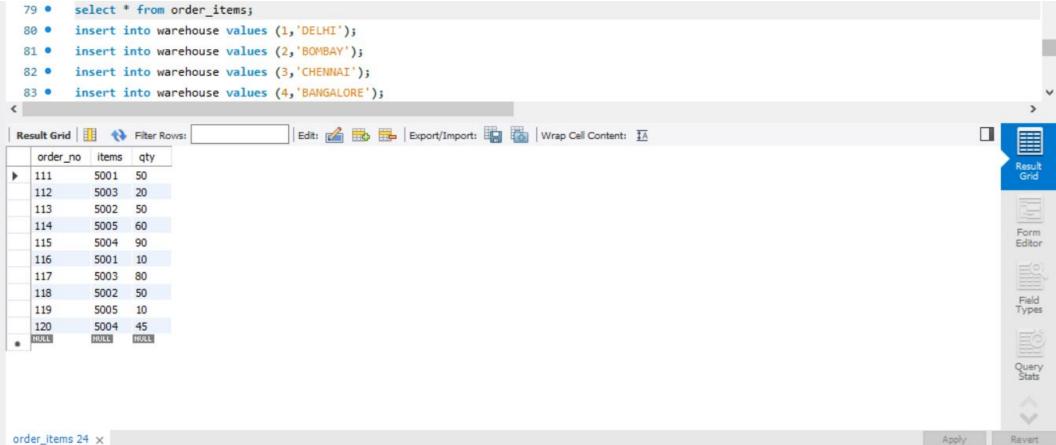
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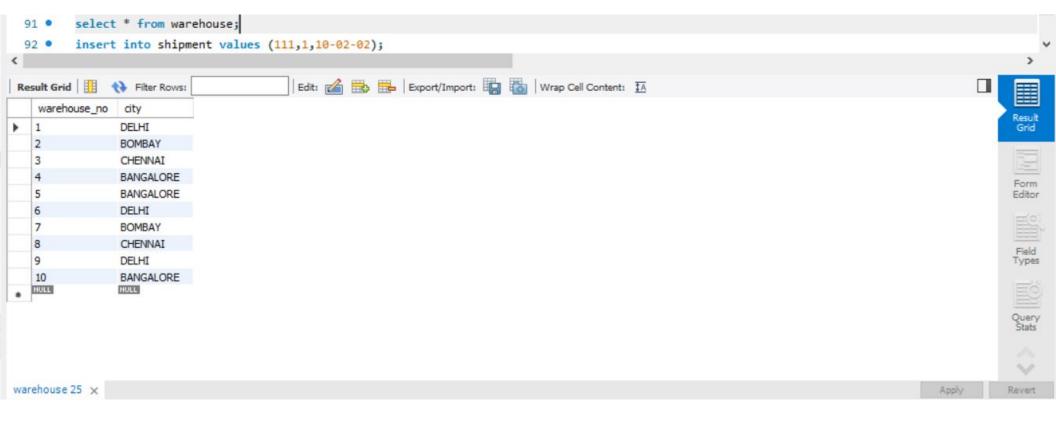
```
94 •
         insert into shipment values (113,8,10-02-03);
 95 •
         insert into shipment values (114,3,10-12-03);
         insert into shipment values (115,9,19-01-04);
 96 •
         insert into shipment values (116,1,20-09-04);
 97 •
         insert into shipment values (117,5,10-09-04);
 98 •
         insert into shipment values (118,7,30-11-04);
 99 •
         insert into shipment values (119,7,30-04-05);
100 •
101 •
         insert into shipment values (120,6,21-12-05);
         commit;
102 •
         select * from shipment;
103 •
104
         select C.cname, COUNT(O.order_no), avg(O.ord_amt)
105 •
         from customer C, cust_order O
106
107
         where C.cust_no=0.cust_no group by O.cust_no;
108
         select o.order no from cust order o, warehouse w, shipment s
109 •
         where o.order no=s.order_no and s.warehouse_no=w.warehouse_no and w.city='DELHI';
110
111
112
113 •
         delete from item where items=5003;
114
115
<
```

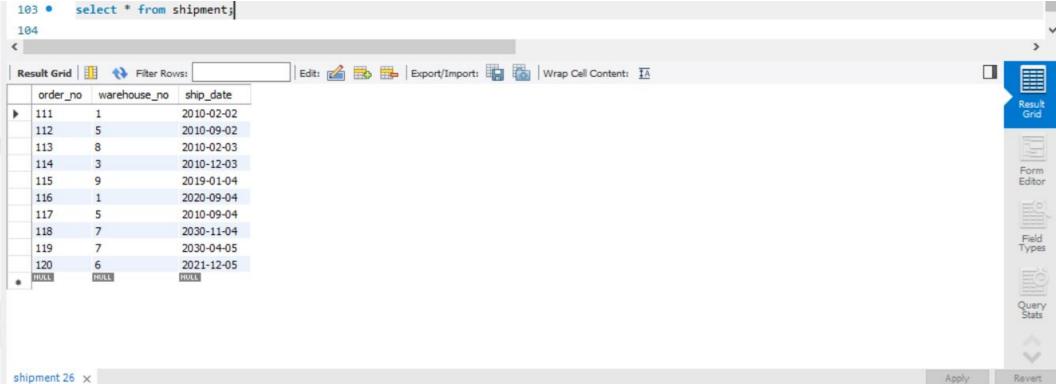












103 •

