

## ORDER PROCESSING DATABASE

OUTPUT:-

Show tables :-

```
6  foreign key(cust_no) references customer(cust_no) on delete cascade);
7  create table item(item_no int, unit_price int, primary key(item_no));
8  create table order_item(order_no int, item_no int, qty int, foreign key(order_no) references orders(order_no) on delete set null,
9  foreign key(item_no) references item(item_no) on delete set null);
10 • create table warehouse(warehouse_no int, city varchar(30), primary key(warehouse_no));
11 create table shipment(order_no int, warehouse_no int, s_date date, foreign key(order_no) references orders(order_no) on delete set null,
12 foreign key(warehouse_no) references warehouse(warehouse_no) on delete set null);
13
14 • show tables;
```

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

Tables\_in\_orderprocessing

- customer
- item
- order\_item
- orders
- shipment
- warehouse

Select \* from customer




```
18  insert into customer values(771, "Pushpa K", "Bangalore");
19  insert into customer values(772, "Suman", "Mumbai");
20 • insert into customer values(773, "Sourav", "Calicut");
21  insert into customer values(774, "Laila", "Hyderabad");
22 • insert into customer values(775, "Faizal", "Bangalore");
23
24  select * from customer;
```

Result Grid | Filter Rows: | Edit: | Export/Import

	cust_no	cname	city
▶	771	Pushpa K	Bangalore
	772	Suman	Mumbai
	773	Sourav	Calicut
	774	Laila	Hyderabad
	775	Faizal	Bangalore
✱	NULL	NULL	NULL

Select \* from order

```
29      insert into orders values(114, "2003-11-03", 775, 29000);
30 •    insert into orders values(115, "2003-12-10", 773, 29000);
31      insert into orders values(116, "2004-08-19", 772, 56000);
32      insert into orders values(117, "2004-09-10", 771, 20000);
33      insert into orders values(118, "2004-11-20", 775, 29000);
34      insert into orders values(119, "2005-02-13", 774, 29000);
35      insert into orders values(120, "2005-10-13", 775, 29000);
36
37      select * from orders;
```

<				
Result Grid				
Filter Rows: <input type="text"/>				
Edit:      Export/Import				
	order_no	odate	cust_no	order_amt
▶	111	2002-01-22	771	18000
	112	2002-07-30	774	6000
	113	2003-04-03	775	9000
	114	2003-11-03	775	29000
	115	2003-12-10	773	29000
	116	2004-08-19	772	56000
	117	2004-09-10	771	20000
	118	2004-11-20	775	29000
	119	2005-02-13	774	29000

Select \* from item :-

```
39     insert into item values(5001, 503);
40     insert into item values(5002, 750);
41     insert into item values(5003, 150);
42     insert into item values(5004, 600);
43     insert into item values(5005, 890);
44
45     select * from item;
```

<		
Result Grid		
Filter Rows:		
Edit:		
	item_no	unit_price
▶	5001	503
	5002	750
	5003	150
	5004	600
	5005	890
•	NULL	NULL

Select \* from order\_item

```

50     insert into order_item values(114, 5005, 60);
51     insert into order_item values(115, 5004, 90);
52     insert into order_item values(116, 5001, 10);
53     insert into order_item values(117, 5003, 80);
54     insert into order_item values(118, 5005, 50);
55 •   insert into order_item values(119, 5002, 10);
56     insert into order_item values(120, 5004, 45);
57
58     select * from order_item;

```

Result Grid			
Filter Rows:			
	order_no	item_no	qty
▶	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

Select \* from warehouse

```

63 • insert into warehouse values(4, "Bangalore");
64 • insert into warehouse values(5, "Bangalore");
65 • insert into warehouse values(6, "Delhi");
66   insert into warehouse values(7, "Bombay");
67 • insert into warehouse values(8, "Chennai");
68 • insert into warehouse values(9, "Delhi");
69 • insert into warehouse values(10, "Bangalore");
70
71 • select * from warehouse;

```

Result Grid			Filter Rows:	Edit:
	warehouse_no	city		
▶	1	Delhi		
	2	Bombay		
	3	Chennai		
	4	Bangalore		
	5	Bangalore		
	6	Delhi		
	7	Bombay		
	8	Chennai		
	9	Delhi		

Select \* from shipment

```

76 • insert into shipment values(114, 3 , "2003-12-10");
77 • insert into shipment values(115, 9 , "2004-01-19");
78 • insert into shipment values(116, 1 , "2004-09-20");
79 • insert into shipment values(117, 5 , "2004-09-10");
80 • insert into shipment values(118, 7 , "2004-11-30");
81 • insert into shipment values(119, 7 , "2005-04-30");
82 • insert into shipment values(120, 6 , "2005-12-21");
83
84 • select * from shipment;

```

Result Grid			
Filter Rows: <input type="text"/>			
Export:  Wrap Cell Content: <input type="checkbox"/>			
	order_no	warehouse_no	s_date
▶	111	1	2002-02-10
	112	5	2002-09-10
	113	8	2003-02-10
	114	3	2003-12-10
	115	9	2004-01-19
	116	1	2004-09-20
	117	5	2004-09-10
	118	7	2004-11-30
	119	7	2005-04-30

Query 1:-

```

88 • select cname, count(*), avg(order_amt) from customer right join orders on customer.cust_no = orders.cust_no group by customer.cname;

```

Result Grid			
Filter Rows: <input type="text"/>			
Export:  Wrap Cell Content: <input type="checkbox"/>			
	cname	count(*)	avg(order_amt)
▶	Pushpa K	2	19000.0000
	Laila	2	17500.0000
	Faizal	4	24000.0000
	Sourav	1	29000.0000
	Suman	1	56000.0000

Query 2:-

```

90 /* Question 2 */
91
92 • select order_no from warehouse as w,shipment as s where w.warehouse_no=s.warehouse_no and city="Bangalore";

```

Result Grid	
Filter Rows: <input type="text"/>	
Export:  Wrap Cell Content: <input type="checkbox"/>	
	order_no
▶	112
	117

Query 3:-

	item_no	unit_price
▶	5001	503
	5002	750
	5003	150
	5004	600
✱	NULL	NULL