```
Salesman ,orders,customer

Salesman - salesman_id primary key

orders -orderno primary key
            customer_id foreign key

customer -customer id primary key
                  salesmanid foreign key
```

use cdac1;

show tables;

select * from salesman;

select * from orders;

select * from customer;

desc customer;

alter table salesman add constraint primary key (salesman_id);

desc salesman;

alter table orders add constraint primary key (ord_no);

alter table customer add constraint primary key (customer_id);

desc orders;

alter table orders add constraint c2 foreign key(customer_id) references customer(customer_id);

alter table customer add constraint c3 foreign key(salesman_id) references salesman(salesman_id);

## OUTPUT:

### FOR CUSTOMER TABLE:

| Field | Type | Null | Key | Default | Extra |
|-------|------|------|-----|---------|-------|
| customer_id | int | NO | PRI | NULL | |
| cust_name | varchar(20) | YES | | NULL | |
| city | varchar(15) | YES | | NULL | |
| grade | int | YES | | NULL | |
| salesman_id | int | YES | MUL | NULL | |

### FOR ORDERS:

| Field | Type | Null | Key | Default | Extra |
|-------|------|------|-----|---------|-------|
| ord_no | int | NO | PRI | NULL | |
| purch_amt | decimal(10,3) | YES | | NULL | |
| ord_date | date | YES | | NULL | |
| customer_id | int | YES | MUL | NULL | |
| salesman_id | int | YES | | NULL | |

### FOR SALESMAN:

| Field | Type | Null | Key | Default | Extra |
|-------|------|------|-----|---------|-------|
| salesman_id | int | NO | PRI | NULL | |
| name | varchar(20) | YES | | NULL | |
| city | varchar(15) | YES | | NULL | |
| commission | decimal(10,2) | YES | | NULL | |