1 create database

Create database shopping;

3 create tables

```
create table sales_person(s_id int primary key auto_increment,s_name varchar(40));
 create table orders(odr_id int(20),odr_dsc int(40),cus_id int(20),s_id int(20));

create  table customer(cus_id int(20),cus_name varchar(40),s_id int (20));
```

4 Insert sample data

```
insert into customer(cus_name,s_id) values ('A',2);

 insert into orders(odr_dsc,cus_id,s_id) values ('product1',1,2);

 insert into sales_person(s_name) values ('b');
```

5 Find the sales person have multiple orders.

```
select * from sales_person where s_id in (select distinct s_id from orders a where exists
(select * from orders b where b.s_id=a.s_id and b.odr_id<>a.odr_id));
```

6 Find the all sales person details along with order details

```
select s_name,odr_id,odr_dsc from sales_person inner join orders on
sales_person.s_id=orders.s_id;
```

7 Create index

```
create index prod_name on orders(odr_desc);
```

8 How to show index on a table

```
SHOW INDEXES FROM orders;
```

9. Find the order number, sale person name, along with the customer to whom that order belongs to

```
select c.cus_id,cus_name,s.s_id,odr_id,s_name from customer c inner join sales_person

on c.s_id=s.s_id inner join orders o on o.s_id=s.s_id;
```