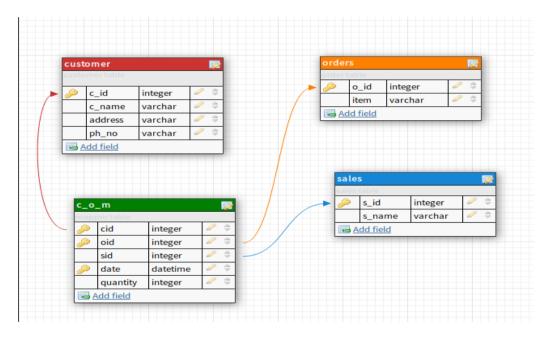
Problem Statement: There can be multiple customers, who can place multiple orders on the site. Now these orders will distribute into multiple sales persons (One order will be assign to one salesperson only). So a sales person can have multiple orders of multile customers

1. Create Database

2.Design Schema



in c_o_m table cid,oid,date will act as a composite primary key for the table. Command alter table c_o_m add constraint com_id primary key(cid,oid,date);

3.Create tables

```
ttn@ttn: ~
mysql> use mydb;
mysql> use mydb;
Database changed
mysql> create table if not exists customer(
   -> c_id int not null auto_increment,
   -> c_name varchar(255),
   -> ph_no varchar(255),
   -> address varchar(255),
   -> primary key(c_id)
Query OK, 0 rows affected (0.33 sec)
mysql> desc customer
| Field | Type
                  | int(11)
| varchar(
   c id
                                                  NO
                                                                                              auto increment
                                                                           NULL
                      varchar(255)
   ph_no | varchar(255)
address | varchar(255)
                                                  YES
YES
                                                                           NULL
   rows in set (0.01 sec)
```

```
ttn@ttn: ~
mysql> use mydb
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A
Database changed
mysql> create table if not exists orders(
     -> o id int not null auto increment,
    -> iTem varchar(255),
-> primary key(o_id));
Query OK, 0 rows affected (0.32 sec)
mysql> desc orders;
| Field | Type
                           | Null | Key | Default | Extra
 o_id | int(11) | NO | PRI | NULL item | varchar(255) | YES | | NULL
o id | int(11)
                                                          | auto_increment
2 rows in set (0.00 sec)
mysql>
```

4.Insert sample data

```
File Edit View Search Terminal Help

mysql> desc c_o_s;

| Field | Type | Null | Key | Default | Extra |
| com_id | int(11) | NO | PRI | NULL | |
| cid | int(11) | YES | MUL | NULL | |
| cid | int(11) | YES | MUL | NULL | |
| oid | int(11) | YES | MUL | NULL | |
| oid | int(11) | YES | MUL | NULL | |
| ountity | int(11) | YES | MUL | NULL | |
| com_id | cid | sid | oid | quantity |

| com_id | cid | sid | oid | quantity |
| 100 | 1 | 66 | 10 | 1 |
| 101 | 2 | 67 | 11 | 2 |
| 102 | 3 | 68 | 12 | 1 |
| 103 | 4 | 66 | 13 | 2 |
| 104 | 1 | 67 | 11 | 1 |
| 105 | 1 | 68 | 12 | 2 |
| 106 | 1 | 66 | 13 | 1 |
| 107 | 2 | 67 | 10 | 2 |
| 108 | 2 | 66 | 13 | 2 |
| 109 | 2 | 66 | 13 | 2 |

10 rows in set (0.00 sec)

mysql> 

| mysql> |
```

5.Find the sales person have multiple orders.

6. Find the all sales person details along with order details

```
ttn@ttn: ~
mysql> select sales.s_name,orders.item,c_o_s.quantity from c_o_s join sales on s
ales.s_id join orders on orders.o_id=c_o_s.oid;
 s name
 flipkart
             shoe1
 amazon
             shoe1
 snapdeal
             shoe1
 ebay
             shoe1
 flipkart
             shoe2
 amazon
             shoe2
 snapdeal
             shoe2
             shoe2
 ebay
 flipkart
             shoe3
 amazon
             shoe3
 snapdeal
 ebay
 flipkart
             shoe4
 snapdeal
             shoe4
  ebay
             shoe4
  flipkart
             shoe2
             shoe2
 snapdeal
             shoe2
```

7.Create index 8.show index

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

