**SQL**

create table customer(

customerid number PRIMARY KEY,

Firstname char(15),

Lastname char(15),

address char(20),

phoneno number not null,

city char(15),

country char(20),

datepurchase date,

supplierid number references supplier(supplierid));

insert into customer values(1001,'das','jeyaseelan','119,park avenue,II street',9841093428,'Coimbatore','India','2004-01-10',1),

(2001,'gopi','govinraj','241, I floor, Kamaraj street, Madippakkam',9444124590,'chennai','india','2005-03-25',4),

(1201,'dilip','kishore','43, II Avenue, Anna Nagar',9997234534,'banglore','india','2005-08-20',2),

(1300,'aanand','chowdhury','42/1 sector 1, II Street',9841054348,'banglore','india','2005-05-15',2),

(1220,'chandra','nagarjan','83,lal bagh',98410672356,'banglore','india','2006-02-12',4),

(1221,'abhishek','kumar','13,kishori park',94447623901,'chennai','india','2004-05-15',1),

(1320,'nikhil','pandit','218, alwaanya street',94448923091,'salem','india','2006-04-21',3),

(1222,'meenu','monica','C11, church road',98410563421,'trichy','india','2004-08-30',1),

(1225,'pavan','kumar','128/A, North Mada Street',99934782103,'madurai','india','2004-08-18',4);

select \* from customer;

create table supplier(

supplierid number primary key,

suppliername char(30),

suppliercity char(30),

supplierphoneno number not null,

email char(50));

insert into supplier values(1,'dilip','chennai',8999900000,'dilip@abc.co.in'),

(2,'tarun','madurai',8999911111,'tarun@xyz.com'),

(3,'naresh','coimbatore',8999922222,'g.naresh@xyzl.com'),

(4,'Ganesan','trichy',8999933333,'ganesan\_83@ijk.com');

select \* from supplier;

create table orders(

orderid number primary key,

orderdate date,

customerid number,

quantity number check(quantity>0),itemid number references items(itemid));

insert into orders values(1,'2004-01-12',1001,30,25),

(2,'2005-05-06',1202,38,24),

(3,'2006-12-16',1220,10,22),

(4,'2004-05-21',1233,12,21);

select \* from orders;

create table items(

itemid number primary key,

itemname char(35) not null,

supplierid number references supplier(supplierid),

minquantity number not null,

maxquantity number not null,

price number(5,2));

insert into items values(20,'pears soap',4,7,20,30.00),

(21,'v.v.d.coconut oil 200ml',2,8,15,79.00),

(22,'ponds powder 400g',3,6,25,106.00),

(23,'reynolds pen-blue',1,10,30,15.00),

(24,'reynolds pen-black',1,10,30,16.00),

(25,'mysore sandal soap',4,7,25,25.00),

(26,'fair&lovely cream 50g',3,5,15,55.00),

(27,'rexono deo spray',2,5,20,100.00),

(28,'dove soap',4,7,15,85.00);

select \* from items;

select Firstname,city,country from customer where city='chennai' or city='salem' or city='madurai';

select customer.customerid,customer.Firstname,customer.Lastname,customer.datepurchase,items.itemname,items.price from customer inner join items on customer.supplierid=items.supplierid;

select \* from customer where supplierid=(select supplierid from items where itemname='dove soap');