**Problem Statement** : “Managing customer orders” system. Following is the Scenario:

1. a customer has a unique customer number and contact information ,

2. a customer can place many orders, but a given purchase order is placed by one customer

3. a purchase order has a many-to-many relationship with a stock item.

Write a database trigger to update a stock table when a record is inserted in contains table.

create table customer(

cid int not null auto\_increment PRIMARY KEY,

name VARCHAR(20) not NULL,

contact CHAR(10) not null

);

CREATE TABLE product

(

pid int not null auto\_increment primary key,

name varchar(20) not null,

stock int not null,

price float not null

);

CREATE table orderCustomer(

oid int auto\_increment PRIMARY key,

cid int not NULL,

total\_price float,

foreign key(cid) REFERENCES customer(cid)

);

CREATE table orderProduct(

oid int not null,

pid int not null,

quantity int not null,

foreign key(oid) REFERENCES orderCustomer(oid),

foreign key(pid) REFERENCES product(pid),

PRIMARY key(oid,pid)

)

insert into customer(oid,cid) values(NULL,"shweta","8988336239"),

(NULL,"Diksha","9307337139"),(NULL,"Man Asi","9305566739"),

(NULL,"Dhananjay","9303344135");

insert into product(pid,name,stock,price) values(NULL,"Chai",30,10),

(NULL,"Idli",20,20),(NULL,"Medu Vada",10,30),

(NULL,"Poha",10,30);

DELIMITER $$

CREATE TRIGGER triiger after insert on orderProduct

FOR each row

begin

UPDATE product set stock = stock - new.quantity where pid = new.pid;

end $$

DELIMITER ;

insert into orderCustomer(oid,cid) values(NULL,1);

insert into orderProduct(oid,pid,quantity) values(1,1,2);