drop trigger t;

delimiter $$

create trigger t

before insert on pro\_in\_order

for each row

begin

DECLARE CUR\_STOCK int(5);

DECLARE ORDER\_KEY int(3);

DECLARE ID int(3);

declare O\_QNTY int(5);

declare MINI int(5);

declare BID int(5);

select minimum\_value into MINI FROM QNTY\_MINI;

select order\_quantity into O\_QNTY FROM QNTY\_MINI;

SELECT QUANTITY INTO CUR\_STOCK FROM PRODUCT WHERE PRODUCT\_ID=NEW.PRODUCT\_ID;

SELECT BRD\_ID INTO BID FROM PRODUCT WHERE PRODUCT\_ID=NEW.PRODUCT\_ID;

select Distributor\_ID into ID from distributor\_list where PRODUCT\_ID=New.PRODUCT\_ID and BRD\_ID = BID;

select count(\*) into ORDER\_KEY from Distributor\_orders where Distributor\_ID=ID and Product\_ID=NEW.Product\_ID;

IF CUR\_STOCK<MINI and ORDER\_KEY=0

THEN

insert into Distributor\_orders values(ID,NEW.PRODUCT\_ID,O\_QNTY,CURRENT\_DATE);

insert into Distributor\_msg values(ID,new.PRODUCT\_ID,"Ordered product successfully",CURRENT\_DATE);

end if;

end;$$

delimiter ;

drop trigger s;

delimiter $$

create trigger s

after insert on Distributor\_msg

for each row

begin

Declare stocks int(15);

Declare quan int(15);

select Stocks\_Available into stocks from Distributor where Distributor\_ID=new.Distributor\_ID and Product\_ID = new.PRODUCT\_ID;

select QNTY into quan from Distributor\_orders where Distributor\_ID=new.Distributor\_ID and Product\_ID = new.PRODUCT\_ID;

if quan<=stocks

then

insert into Distributor\_msg\_confirmation values(new.Distributor\_ID,new.PRODUCT\_ID,current\_date(),"Delivered product successfully");

update Distributor set Stocks\_Available=Stocks\_Available-quan where Distributor\_ID = new.Distributor\_ID and PRODUCT\_ID=new.PRODUCT\_ID;

update product set quantity=quantity+quan where PRODUCT\_ID=new.PRODUCT\_ID;

delete from Distributor\_orders where Distributor\_ID=new.Distributor\_ID and Product\_ID = new.PRODUCT\_ID;

else

insert into Distributor\_msg\_confirmation values(new.Distributor\_ID,new.PRODUCT\_ID,"Ordered product successfully, delivering products in few after few days");

end if;

end;$$

delimiter ;

drop trigger Notification\_T1;

delimiter $$

create trigger Notification\_T1

after insert on Distributor\_msg

for each row

begin

insert into notification values(current\_timestamp(),new.Distributor\_ID,new.Product\_ID,new.MSG);

end;$$

delimiter ;

drop trigger Notification\_T;

delimiter $$

create trigger Notification\_T

after insert on Distributor\_msg\_confirmation

for each row

begin

insert into notification values(current\_timestamp(),new.Distributor\_ID,new.Product\_ID,new.MSG);

end;$$

delimiter ;