**Bài 3**

**3.1**

CREATE VIEW pr\_info

AS

SELECT pro\_name,pro\_cost as pro\_price,sup\_name,mar\_name

From tblproducts ,tblsupplies,tblMarkets

where tblproducts.sup\_id=tblsupplies.sup\_id

and tblproducts.pro\_code = tblmarkets.pro\_code

**3.2**

Create view not\_sold as select pro.pro\_code,pro.pro\_name,pro.pro\_cost,pro.pro\_quantity from tblproducts as pro

where pro.pro\_code not in (select pro\_code from tblmarkets where 1=1);

**3.3**

create view max asselect max(p.pro\_cost\*(1+ m.mar\_price\_plus/100 )) as c ,pro.pro\_code,pro.pro\_name,mar.mar\_name,mar.mar\_pro\_quantity,sup.sup\_namefrom tblmarkets as mar inner join tblproducts as pro on mar.pro\_code=pro.pro\_codeinner join tblsupplies as sup on pro.sup\_id=sup.sup\_id;

**3.4**

CREATE VIEW exhibited AS

SELECT tblProducts.Pro\_name,tblMarkets.Mar\_name,tblMarkets.Mar\_pro\_quantity

FROM tblProducts INNER JOIN tblMarkets INNER JOIN tblSupplies

ON tblProducts.Sup\_id = tblSupplies.Sup\_id AND tblProducts.Pro\_code = tblMarkets.Pro\_code

WHERE tblProducts.Sup\_id = (SELECT max(Sup\_id) FROM tblProducts);

**3.5**  
CREATE VIEW min (pro\_name, pro\_code,pro\_quantity,sup\_name) AS  
    SELECT pro\_name, pro\_code, pro\_quantity, sup\_name   
        FROM tblproducts AS pro INNER JOIN tblsupplies AS sup ON pro.sup\_id=sup.sup\_id  
            WHERE pro.pro\_cost = (SELECT MIN(pro.pro\_cost) FROM tblproducts AS pro);

Bài 4

4.1

delimiter //

CREATE PROCEDURE bai4a()

begin

drop view if exists max\_quantily;

create view max\_quantily as

select max(pro\_quanity) as max\_quantily

from tblproducts

limit 1;

select pro\_name, pro\_code, sup\_name, pro\_quanity

from tblproducts, tblsupplies, max\_quantily

where tblproducts.sup\_id = tblsupplies.sup\_id and pro\_quanity = (select max\_quantily from max\_quantily);

end //

**4.2**

delimiter //

CREATE PROCEDURE bai4b()

begin

drop view if exists max\_cost;

create view max\_cost as

select max(pro\_cost) as maxcost

from tblproducts

limit 1;

select pro\_name, pro\_code, pro\_date

from tblproducts, max\_cost

where pro\_cost = (select maxcost from max\_cost);

end //

**4.3**

delimiter //

CREATE PROCEDURE bai4c()

begin

drop view if exists most\_sold;

create view most\_sold as

select count(mar\_id) as mostsold, pro\_code as maxcode

from tblmarkets

where 1 = 1

group by pro\_code

order by mostsold desc

limit 1;

select pro\_name, tblproducts.pro\_code, mar\_name

from tblproducts, tblmarkets

where tblproducts.pro\_code = tblmarkets.pro\_code and tblproducts.pro\_code = (select maxcode from most\_sold);

end //

**bài 5**

**CREATE TRIGGER bai5a**

**AFTER DELETE ON tblproducts**

**FOR EACH ROW**

**BEGIN**

**INSERT INTO tblbk\_product(pro\_code,pro\_name,pro\_cost,pro\_quantity,pro\_date,sup\_id)**

**VALUES(old.pro\_code,old.pro\_name,old.pro\_cost,old.pro\_quantity,old.pro\_date,old.sup\_id);**

**END;**

**CREATE TRIGGER bai5bUpdate**

**AFTER UPDATE ON tblproducts**

**FOR EACH ROW**

**BEGIN**

**INSERT INTO tblbk\_product(pro\_code,pro\_name,pro\_cost,pro\_quantity,pro\_date,sup\_id)**

**VALUES(old.pro\_code,old.pro\_name,old.pro\_cost,old.pro\_quantity,old.pro\_date,old.sup\_id);**

**END;**