Cau 1 2

--  
-- Table structure for table `tblsupplies`  
--  
  
CREATE TABLE IF NOT EXISTS `tblsupplies` (  
  `sup\_id` int(11) NOT NULL AUTO\_INCREMENT,  
  `sup\_name` varchar(100) DEFAULT NULL,  
  `sup\_address` varchar(350) DEFAULT NULL,  
  PRIMARY KEY (`sup\_id`)  
) ENGINE=MyISAM  DEFAULT CHARSET=latin1 AUTO\_INCREMENT=5 ;  
  
--  
-- Dumping data for table `tblsupplies`  
--  
  
INSERT INTO `tblsupplies` (`sup\_id`, `sup\_name`, `sup\_address`) VALUES  
(1, 'HP', '1145 Compad Center Drive, Houston, Texas 770770 USA'),  
(2, 'Dell', 'Dell Way Round Rock, Texas 78682 USA'),  
(3, 'Acer', '8F, No. 88, Section 1, Hsin Tai Wu Road., Hsichih 221, Taipei Hsien, Taiwan'),  
(4, 'IBM', 'Kevin O Malley House, Earlsfort Center, Earlsfort Terrace, Dublin 2, Ireland');

--  
-- Table structure for table `tblproducts`  
--  
  
CREATE TABLE IF NOT EXISTS `tblproducts` (  
  `pro\_code` char(5) NOT NULL,  
  `pro\_name` varchar(250) DEFAULT NULL,  
  `pro\_cost` int(11) DEFAULT NULL,  
  `pro\_quanity` int(11) DEFAULT NULL,  
  `pro\_date` date DEFAULT NULL,  
  `sup\_id` int(11) DEFAULT NULL,  
  PRIMARY KEY (`pro\_code`),  
  KEY `sup\_id` (`sup\_id`)  
) ENGINE=MyISAM DEFAULT CHARSET=latin1;  
  
--  
-- Dumping data for table `tblproducts`  
--  
  
INSERT INTO `tblproducts` (`pro\_code`, `pro\_name`, `pro\_cost`, `pro\_quanity`, `pro\_date`, `sup\_id`) VALUES  
('HC631', 'Compaq nx 6310', 750, 150, '2006-10-12', 1),  
('HC415', 'Pavilion 4105TX', 680, 1000, '2008-08-21', 1),  
('DR017', 'Inspriron 17R', 908, 520, '2009-03-15', 2),  
('AS255', 'Asprire One D255', 325, 1650, '2008-11-20', 3),  
('IB060', 'ThinkPad T60', 415, 1200, '2009-03-28', 4);  
  
-- --------------------------------------------------------

CREATE TABLE IF NOT EXISTS `tblmarkets` (  
  `mar\_id` int(11) NOT NULL AUTO\_INCREMENT,  
  `mar\_name` varchar(200) DEFAULT NULL,  
  `mar\_pro\_quantity` int(11) DEFAULT NULL,  
  `pro\_code` char(5) DEFAULT NULL,  
  `mar\_price\_plus` float DEFAULT NULL,  
  PRIMARY KEY (`mar\_id`),  
  KEY `pro\_code` (`pro\_code`)  
) ENGINE=MyISAM  DEFAULT CHARSET=latin1 AUTO\_INCREMENT=6 ;  
  
--  
-- Dumping data for table `tblmarkets`  
--  
  
INSERT INTO `tblmarkets` (`mar\_id`, `mar\_name`, `mar\_pro\_quantity`, `pro\_code`, `mar\_price\_plus`) VALUES  
(1, 'Maxi', 50, 'HC631', 0.12),  
(2, '7-Eleven', 200, 'DR017', 0.18),  
(3, 'Mifros', 1000, 'AS255', 0.15),  
(4, 'Costco', 430, 'AS255', 0.12),  
(5, 'Coop Norden', 950, 'IB060', 0.14);  
  
-- --------------------------------------------------------

3.1

create view product1

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

from tblproducts, tblmarkets, tblsupplies

where tblproducts.sup\_id = tblsupplies.sup\_id and tblproducts.pro\_code = tblmarkets.pro\_code

3.2

create view product2 as

select pro\_code, pro\_name, pro\_price, pro\_quantity, sup\_name

3.3

3.4

create viewproduct34 as

select pro\_name, mar\_name, mar\_pro\_quantity, sup\_name

from tblmarkets INNERJOIN tblproducts ON tblmarkets.pro\_code=tblproducts.pro\_code

INNER JOIN tblsupplies ONtblsupplies.sup\_id=tblproducts.sup\_id

wheretblmarkets.mar\_pro\_quantity= (select max(tblmarkets.mar\_pro\_quantity) from tblmarkets);

3.5

create viewproduct35 as

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

from tblproducts INNER JOIN tblsupplies ONtblproducts.sup\_id=tblsupplies.sup\_id

wheretblproducts.pro\_cost = (selectmin(tblproducts.pro\_cost) from tblproducts);

4.a

delimiter //

CREATE PROCEDURE tig\_promostquanity\_select()

begin

drop view if existsview\_pro\_max\_quantily ;

create view view\_pro\_max\_quantilyas

select max(pro\_quanity) as max\_quantily

from tblproducts

limit 1;

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

from tblproducts, tblsupplies, view\_pro\_max\_quantily

where tblproducts.sup\_id = tblsupplies.sup\_id and pro\_quanity = (select max\_quantilyfrom view\_pro\_max\_quantily );

end //

4.b

delimiter //

CREATE PROCEDURE tig\_promaxcost\_select()

begin

drop view if exists view\_pro\_max\_cost;

create view view\_pro\_max\_cost as

select max(pro\_cost) as max\_cost

from tblproducts

limit 1;

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

from tblproducts, view\_pro\_max\_cost

where pro\_cost= (select max\_costfrom view\_pro\_max\_cost);

end //

4.c

delimiter //

CREATE PROCEDURE tig\_promostsold\_select()

begin

drop view if exists view\_pro\_most\_sold;

create view view\_pro\_most\_sold as

select count(mar\_id) as most\_sold, pro\_code as pro\_max\_code

from tblmarkets

where 1 = 1

group by pro\_code

order by most\_solddesc

limit 1;

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

from tblproducts, tblmarkets

where tblproducts.pro\_code = tblmarkets.pro\_code andtblproducts.pro\_code= (select pro\_max\_codefrom view\_pro\_most\_sold);

end //