Assignment – 46 Mandatory:

Display pymtmode, and total number of payments for those payments which were paid before the year 2015 and total number of payments should be more than 1.

Database structure

Item (Itemcode, Itemtype, Descr, Price, Reorderlevel, Qtyonhand, Category)

Quotation (Quotationid, Sname, Itemcode, Quotedprice, Qdate, Qstatus)

Orders (Orderid, Quotationid, Qtyordered, Orderdate, Status, Pymtdate, Delivereddate, Amountpaid, Pymtmode)

Retailoutlet (Roid, Location, Managerid)

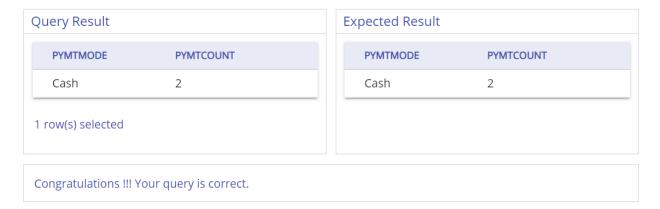
Empdetails (Empid, Empname, Designation, Emailid, Contactno, Worksin, Salary)

Retailstock (Roid, Itemcode, Unitprice, Qtyavailable)

Customer (Custid, Custtype, Custname, Gender, Spouse, Emailid, Address)

Purchasebill (Billid, Roid, Itemcode, Custid, Billamount, Billdate, Quantity)

SELECT Pymtmode, COUNT(DISTINCT Pymtdate) Pymtcount FROM Orders WHERE SUBSTR(Pymtdate,8) < 15 GROUP BY Pymtmode HAVING COUNT(DISTINCT Pymtdate) > 1;



Assignment – 48 Mandatory:

Retrieve the itemtype, category of item, and average price rounded to two decimal places of FMCG, Computer type items. The average price must be less than 2000.

Database structure

Item (Itemcode, Itemtype, Descr, Price, Reorderlevel, Qtyonhand, Category)

Quotation (Quotationid, Sname, Itemcode, Quotedprice, Qdate, Qstatus)

Orders (Orderid, Quotationid, Qtyordered, Orderdate, Status, Pymtdate, Delivereddate, Amountpaid, Pymtmode)

Retailoutlet (Roid, Location, Managerid)

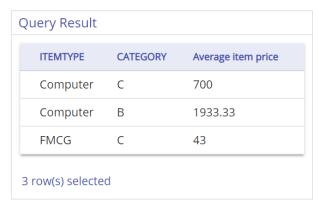
Empdetails (Empid, Empname, Designation, Emailid, Contactno, Worksin, Salary)

Retailstock (Roid, Itemcode, Unitprice, Qtyavailable)

Customer (Custid, Custtype, Custname, Gender, Spouse, Emailid, Address)

Purchasebill (Billid, Roid, Itemcode, Custid, Billamount, Billdate, Quantity)

SELECT Itemtype, Category, ROUND(AVG(Price),2) "Average item price" FROM Item WHERE Itemtype IN ('FMCG', 'Computer') GROUP BY Itemtype, Category HAVING ROUND(AVG(Price),2) < 2000;



ITEMTYPE	CATEGORY	Average item price
Computer	С	700
Computer	В	1933.33
FMCG	С	43

Congratulations !!! Your query is correct.

Assignment – 63 Optional:

Retrieve the name of supplier who has quoted greater than 1000 and the quotation status is closed and average of quoted price is less than 4500. Also display average quoted price.

Database structure

Item (Itemcode, Itemtype, Descr, Price, Reorderlevel, Qtyonhand, Category)

Quotation (Quotationid, Sname, Itemcode, Quotedprice, Qdate, Qstatus)

Orders (Orderid, Quotationid, Qtyordered, Orderdate, Status, Pymtdate, Delivereddate, Amountpaid, Pymtmode)

Retailoutlet (Roid, Location, Managerid)

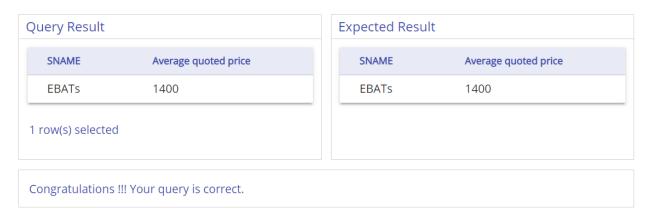
Empdetails (Empid, Empname, Designation, Emailid, Contactno, Worksin, Salary)

Retailstock (Roid, Itemcode, Unitprice, Qtyavailable)

Customer (Custid, Custtype, Custname, Gender, Spouse, Emailid, Address)

Purchasebill (Billid, Roid, Itemcode, Custid, Billamount, Billdate, Quantity)

SELECT Sname, AVG(Quotedprice) "Average quoted price" FROM Quotation WHERE Qstatus = 'Closed' AND Quotedprice > 1000 GROUP BY Sname HAVING AVG(Quotedprice) < 4500;



Assignment – 72 Mandatory:

Display the custid and custname of those customers who are also employees. An employee and customer are considered same if their name and email id match.

Database structure

Item (Itemcode, Itemtype, Descr, Price, Reorderlevel, Qtyonhand, Category)

Quotation (Quotationid, Sname, Itemcode, Quotedprice, Qdate, Qstatus)

Orders (Orderid, Quotationid, Qtyordered, Orderdate, Status, Pymtdate, Delivereddate, Amountpaid, Pymtmode)

Retailoutlet (Roid, Location, Managerid)

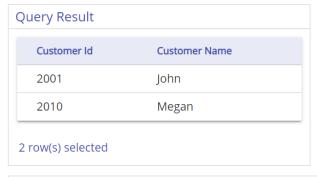
Empdetails (Empid, Empname, Designation, Emailid, Contactno, Worksin, Salary)

Retailstock (Roid, Itemcode, Unitprice, Qtyavailable)

Customer (Custid, Custtype, Custname, Gender, Spouse, Emailid, Address)

Purchasebill (Billid, Roid, Itemcode, Custid, Billamount, Billdate, Quantity)

SELECT c.Custid "Customer Id", c.Custname "Customer Name" FROM Customer c INNER JOIN Empdetails e ON c.Emailid = e.Emailid;



Assignment – 74 Mandatory:

The management of EasyShop would like to know the retail outlet ids and the details like description, type and retail unit price of items whose retail unit price is more than 1500.

Database structure

Item (Itemcode, Itemtype, Descr, Price, Reorderlevel, Qtyonhand, Category)

Quotation (Quotationid, Sname, Itemcode, Quotedprice, Qdate, Qstatus)

Orders (Orderid, Quotationid, Qtyordered, Orderdate, Status, Pymtdate, Delivereddate, Amountpaid, Pymtmode)

Retailoutlet (Roid, Location, Managerid)

Empdetails (Empid, Empname, Designation, Emailid, Contactno, Worksin, Salary)

Retailstock (Roid, Itemcode, Unitprice, Qtyavailable)

Customer (Custid, Custtype, Custname, Gender, Spouse, Emailid, Address)

Purchasebill (Billid, Roid, Itemcode, Custid, Billamount, Billdate, Quantity)

SELECT rs.Roid, i.Descr, i.Itemtype, rs.Unitprice FROM Retailstock rs INNER JOIN Item i ON rs.Itemcode = i.Itemcode WHERE rs.Unitprice > 1500;

Query Result			
ROID	DESCR	ITEMTYPE	UNITPRICE
R1001	Satyapaul Sari	Apparels	7350
R1001	Intel C2D Processor	Computer	6199
R1001	Intel Motherboard	Computer	5340
R1001	500GB Hard disk	Computer	2510
R1001	320GB Hard disk	Computer	2204
R1001	Arrow Jeans	Apparels	7700
R1002	Levis T-Shirt	Apparels	1751
R1002	Satyapaul Sari	Apparels	7499
R1002	Xbox gamepad	Computer	2499
R1002	Intel C2D Processor	Computer	6801

ROID	DESCR	ITEMTYPE	UNITPRICE
R1001	Satyapaul Sari	Apparels	7350
R1001	Intel C2D Processor	Computer	6199
R1001	Intel Motherboar	Computer	5340
R1001	500GB Hard disk	Computer	2510
R1001	320GB Hard disk	Computer	2204
R1001	Arrow Jeans	Apparels	7700
R1002	Levis T-Shirt	Apparels	1751
R1002	Satyapaul Sari	Apparels	7499
R1002	Xbox gamepad	Computer	2499
R1002	Intel C2D Processor	Computer	6801

Expected Result

R1002	Intel Motherboar	Computer	5402
R1002	500GB Hard disk	Computer	2900.5
R1002	320GB Hard disk	Computer	2300.5
R1002	Arrow Jeans	Apparels	7400
R1003	500GB Hard disk	Computer	3000.5
R1003	Arrow Jeans	Apparels	7800
R1003	Xbox gamepad	Computer	2600

R1002	Intel Motherboard	Computer	5402
R1002	500GB Hard disk	Computer	2900.5
R1002	320GB Hard disk	Computer	2300.5
R1002	Arrow Jeans	Apparels	7400
R1003	500GB Hard disk	Computer	3000.5
R1003	Arrow Jeans	Apparels	7800
R1003	Xbox gamepad	Computer	2600

Congratulations !!! Your query is correct.

Assignment – 76 Mandatory:

17 row(s) selected

The management wants the item code and description of the items whose item price matches with the quotation price for more than one quotation.

Database structure

Item (Itemcode, Itemtype, Descr, Price, Reorderlevel, Qtyonhand, Category)

Quotation (Quotationid, Sname, Itemcode, Quotedprice, Qdate, Qstatus)

Orders (Orderid, Quotationid, Qtyordered, Orderdate, Status, Pymtdate, Delivereddate, Amountpaid, Pymtmode)

Retailoutlet (Roid, Location, Managerid)

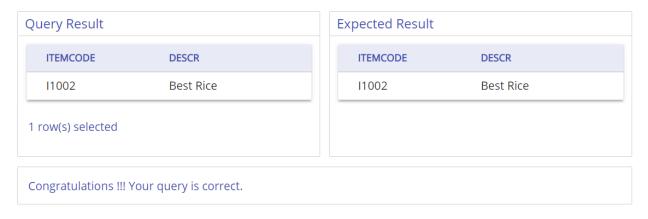
Empdetails (Empid, Empname, Designation, Emailid, Contactno, Worksin, Salary)

Retailstock (Roid, Itemcode, Unitprice, Qtyavailable)

Customer (Custid, Custtype, Custname, Gender, Spouse, Emailid, Address)

Purchasebill (Billid, Roid, Itemcode, Custid, Billamount, Billdate, Quantity)

SELECT i.Itemcode, i.Descr FROM Item i INNER JOIN Quotation q ON i.Price = q.Quotedprice GROUP BY i.Itemcode, i.Descr HAVING COUNT(*) > 1;



Assignment – 77 Mandatory:

EasyShop management wants to know sname and quotationid pertaining to the quotation of those orders, where there is a difference of less than or equal to 5 days between the delivered date and order date. Display unique rows.

Database structure

Item (Itemcode, Itemtype, Descr, Price, Reorderlevel, Qtyonhand, Category)

Quotation (Quotationid, Sname, Itemcode, Quotedprice, Qdate, Qstatus)

Orders (Orderid, Quotationid, Qtyordered, Orderdate, Status, Pymtdate, Delivereddate, Amountpaid, Pymtmode)

Retailoutlet (Roid, Location, Managerid)

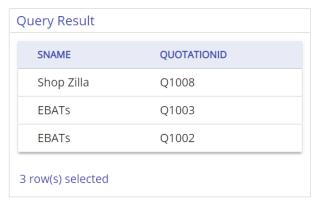
Empdetails (Empid, Empname, Designation, Emailid, Contactno, Worksin, Salary)

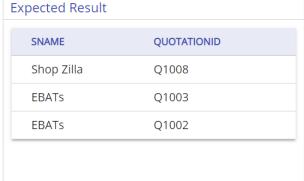
Retailstock (Roid, Itemcode, Unitprice, Qtyavailable)

Customer (Custid, Custtype, Custname, Gender, Spouse, Emailid, Address)

Purchasebill (Billid, Roid, Itemcode, Custid, Billamount, Billdate, Quantity)

SELECT DISTINCT q.Sname, q.Quotationid FROM Quotation q INNER JOIN Orders o ON q.Quotationid = o.Quotationid WHERE MONTHS BETWEEN(Delivereddate, Orderdate)*30 <= 5;





Congratulations !!! Your query is correct.

Assignment – 85 Optional:

This assignment must be done in Eclipse environment.

Display custname and billamount for those customers who have shopped for more than 5000.

Database structure

Item (Itemcode, Itemtype, Descr, Price, Reorderlevel, Qtyonhand, Category)

Quotation (Quotationid, Sname, Itemcode, Quotedprice, Qdate, Qstatus)

Orders (Orderid, Quotationid, Qtyordered, Orderdate, Status, Pymtdate, Delivereddate, Amountpaid, Pymtmode)

Retailoutlet (Roid, Location, Managerid)

Empdetails (Empid, Empname, Designation, Emailid, Contactno, Worksin, Salary)

Retailstock (Roid, Itemcode, Unitprice, Qtyavailable)

Customer (Custid, Custtype, Custname, Gender, Spouse, Emailid, Address)

Purchasebill (Billid, Roid, Itemcode, Custid, Billamount, Billdate, Quantity)

SELECT c.Custname, p.Billamount FROM Customer c INNER JOIN Purchasebill p ON c.Custid = p.Custid WHERE p.Billamount > 5000;

Query Result CUSTNAME BILLAMOUNT Jason 7846.3 Susan 5092.96 Nancy 5441.46 Dexter 8983.5 Thomas 6930.22 5 row(s) selected

CUSTNAME	BILLAMOUNT	
Jason	7846.3	
Susan	5092.96	
Nancy	5441.46	
Dexter	8983.5	
Thomas	6930.22	

Congratulations !!! Your query is correct.

Assignment – 86 Optional:

Retrieve the retailoutlet and the number of items stocked for that outlet

Database structure

Item (Itemcode, Itemtype, Descr, Price, Reorderlevel, Qtyonhand, Category)

Quotation (Quotationid, Sname, Itemcode, Quotedprice, Qdate, Qstatus)

Orders (Orderid, Quotationid, Qtyordered, Orderdate, Status, Pymtdate, Delivereddate, Amountpaid, Pymtmode)

Retailoutlet (Roid, Location, Managerid)

Empdetails (Empid, Empname, Designation, Emailid, Contactno, Worksin, Salary)

Retailstock (Roid, Itemcode, Unitprice, Qtyavailable)

Customer (Custid, Custtype, Custname, Gender, Spouse, Emailid, Address)

Purchasebill (Billid, Roid, Itemcode, Custid, Billamount, Billdate, Quantity)

SELECT Roid, COUNT(Itemcode) "Number of items" FROM Retailstock GROUP BY Roid;

Query Result	
ROID	Number of items
R1001	11
R1002	15
R1003	3
3 row(s) selected	

Expected Result	
ROID	Number of items
R1001	11
R1002	15
R1003	3

Assignment – 78 Mandatory:

Display manager name, category and category wise total quantity of items available in all retail outlet. Display manager name as 'No Manager' if no manager is appointed for the retail outlet.

Database structure

Item (Itemcode, Itemtype, Descr, Price, Reorderlevel, Qtyonhand, Category)

Quotation (Quotationid, Sname, Itemcode, Quotedprice, Qdate, Qstatus)

Orders (Orderid, Quotationid, Qtyordered, Orderdate, Status, Pymtdate, Delivereddate, Amountpaid, Pymtmode)

Retailoutlet (Roid, Location, Managerid)

Empdetails (Empid, Empname, Designation, Emailid, Contactno, Worksin, Salary)

Retailstock (Roid, Itemcode, Unitprice, Qtyavailable)

Customer (Custid, Custtype, Custname, Gender, Spouse, Emailid, Address)

Purchasebill (Billid, Roid, Itemcode, Custid, Billamount, Billdate, Quantity)

SELECT NVL(e.Empname, 'No Manager') Empname, i.Category, SUM(rs.Qtyavailable) Totalquantity FROM Empdetails e RIGHT JOIN Retailoutlet ro ON e.empid = ro.Managerid INNER JOIN Retailstock rs ON ro.Roid = rs.Roid INNER JOIN Item i ON rs.Itemcode = i.Itemcode GROUP BY e.Empname, i.Category;

Query Result		
EMPNAME	CATEGORY	TOTALQUANTITY
John	Α	165
Kevin	Α	330
John	С	270
Kevin	С	118
No Manager	В	80
John	В	430
No Manager	A	40
Kevin	В	200
8 row(s) selected		

EMPNAME	CATEGORY	TOTALQUANTITY
John	А	165
Kevin	А	330
John	С	270
Kevin	С	118
No Manager	В	80
John	В	430
No Manager	А	40
Kevin	В	200

Assignment – 79 Mandatory:

Display retailoutlet location and customer type wise total quantity of items sold where customer's gender is Male and item type is Apparels or Computer.

Database structure

Item (Itemcode, Itemtype, Descr, Price, Reorderlevel, Qtyonhand, Category)

Quotation (Quotationid, Sname, Itemcode, Quotedprice, Qdate, Qstatus)

Orders (Orderid, Quotationid, Qtyordered, Orderdate, Status, Pymtdate, Delivereddate, Amountpaid, Pymtmode)

Retailoutlet (Roid, Location, Managerid)

Empdetails (Empid, Empname, Designation, Emailid, Contactno, Worksin, Salary)

Retailstock (Roid, Itemcode, Unitprice, Qtyavailable)

Customer (Custid, Custtype, Custname, Gender, Spouse, Emailid, Address)

Purchasebill (Billid, Roid, Itemcode, Custid, Billamount, Billdate, Quantity)

SELECT ro.Location, c.Custtype, SUM(p.Quantity) Totalquantity FROM Item i INNER JOIN Purchasebill p ON i.Itemcode = p.Itemcode INNER JOIN Customer c ON p.Custid = c.Custid INNER JOIN Retailoutlet ro ON p.Roid = ro.Roid WHERE c.Gender = 'M' AND i.Itemtype IN ('Apparels', 'Computer') GROUP BY ro.Location, c.Custtype;

Query Result LOCATION CUSTTYPE TOTALQUANTITY California Regular 6 New York Regular 4 2 row(s) selected

LOCATION	CUSTTYPE	TOTALQUANTITY
California	Regular	6
New York	Regular	4
New York	Regular	4

Congratulations !!! Your query is correct.

Assignment – 80 Mandatory:

Display itemcode, descr, billamount and custid for all items of type 'FMCG'. Display billamount and custid as zero if item is not sold.

Database structure

Item (Itemcode, Itemtype, Descr, Price, Reorderlevel, Qtyonhand, Category)

Quotation (Quotationid, Sname, Itemcode, Quotedprice, Qdate, Qstatus)

Orders (Orderid, Quotationid, Qtyordered, Orderdate, Status, Pymtdate, Delivereddate, Amountpaid, Pymtmode)

Retailoutlet (Roid, Location, Managerid)

Empdetails (Empid, Empname, Designation, Emailid, Contactno, Worksin, Salary)

Retailstock (Roid, Itemcode, Unitprice, Qtyavailable)

Customer (Custid, Custtype, Custname, Gender, Spouse, Emailid, Address)

Purchasebill (Billid, Roid, Itemcode, Custid, Billamount, Billdate, Quantity)

SELECT i.Itemcode, i.Descr, NVL(p.Billamount, 0) Billamount, NVL(c.Custid, 0) Custid FROM Item i LEFT JOIN Purchasebill p ON i.Itemcode = p.Itemcode LEFT JOIN Customer c ON p.Custid = c.Custid WHERE i.Itemtype = 'FMCG';

ITEMCODE	DESCR	BILLAMOUNT	CUSTID
I1001	Britannia Marie Gold Cookies	86.62	2002
11002	Best Rice	283.28	2005
11002	Best Rice	342.38	2001
I1003	Modern Bread	64.2	2003
I1014	Aroma Brea	d 0	0

Expected Result				
ITEMCODE	DESCR	BILLAMOUNT	CUSTID	
I1002	Best Rice	342.38	2001	
I1001	Britannia Marie Gold Cookies	86.62	2002	
I1003	Modern Bread	64.2	2003	
I1002	Best Rice	283.28	2005	
I1014	Aroma Brea	d 0	0	

Assignment – 82 Mandatory:

Display the retailoutlet details like roid, location along with the employee details like empid and empname working in it. The details of retailoutlet should be displayed even if no employee is working in it.

Database structure

Item (Itemcode, Itemtype, Descr, Price, Reorderlevel, Qtyonhand, Category)

Quotation (Quotationid, Sname, Itemcode, Quotedprice, Qdate, Qstatus)

Orders (Orderid, Quotationid, Qtyordered, Orderdate, Status, Pymtdate, Delivereddate, Amountpaid, Pymtmode)

Retailoutlet (Roid, Location, Managerid)

Empdetails (Empid, Empname, Designation, Emailid, Contactno, Worksin, Salary)

Retailstock (Roid, Itemcode, Unitprice, Qtyavailable)

Customer (Custid, Custtype, Custname, Gender, Spouse, Emailid, Address)

Purchasebill (Billid, Roid, Itemcode, Custid, Billamount, Billdate, Quantity)

SELECT ro.Roid, ro.Location, e.Empid, e.Empname FROM Retailoutlet ro LEFT JOIN Empdetails e ON ro.Roid = e.Worksin;

ery Resul	t			Е	xpected Re	esult		
ROID	LOCATION	EMPID	EMPNAME		EMPID	EMPNAME	ROID	LOCA
R1001	California	1001	George		1001	George	R1001	Calif
R1001	California	1002	Kevin		1002	Kevin	R1001	Califo
R1001	California	1003	Lisa		1003	Lisa	R1001	Califo
R1002	New York	1005	Peter		1005	Peter	R1002	New
R1002	New York	1006	John		1006	John	R1002	New
R1002	New York	1007	Sam		1007	Sam	R1002	New
R1002	New York	1008	Megan		1008	Megan	R1002	New
R1002	New York	1009	Henry		1009	Henry	R1002	New
R1001	California	1010	Cris		1010	Cris	R1001	Califo
R1001	California	1011	Donald		1011	Donald	R1001	Califo
R1002	New York	1012	Edwin		1012	Edwin	R1002	New
R1001	California	1013	Clara		1013	Clara	R1001	Califo
R1002	New York	1014	Michael		1014	Michael	R1002	New
R1003	Dallas	NULL	NULL	L	NULL	NULL	R1003	Dalla
4 row(s) selected								

Assignment – 87 Optional:

For items of type Apparels, identify quantity available at each retail outlet location. Display itemcode, item description, quantity available and retail outlet location.

Database structure

Item (Itemcode, Itemtype, Descr, Price, Reorderlevel, Qtyonhand, Category)

Quotation (Quotationid, Sname, Itemcode, Quotedprice, Qdate, Qstatus)

Orders (Orderid, Quotationid, Qtyordered, Orderdate, Status, Pymtdate, Delivereddate, Amountpaid, Pymtmode)

Retailoutlet (Roid, Location, Managerid)

Empdetails (Empid, Empname, Designation, Emailid, Contactno, Worksin, Salary)

Retailstock (Roid, Itemcode, Unitprice, Qtyavailable)

Customer (Custid, Custtype, Custname, Gender, Spouse, Emailid, Address)

Purchasebill (Billid, Roid, Itemcode, Custid, Billamount, Billdate, Quantity)

SELECT i.Itemcode, i.Descr, ro.Location, rs.Qtyavailable FROM Item i INNER JOIN Retailstock rs ON i.Itemcode = rs.Itemcode INNER JOIN Retailoutlet ro ON rs.Roid = ro.Roid WHERE i.Itemtype = 'Apparels';

Query Result			
ITEMCODE	DESCR	LOCATION	QTYAVAILAB
I1004	Lee T-Shirt	California	100
11007	Allen Solly Tie	California	50
I1006	Satyapaul Sari	California	20
I1015	Arrow Jeans	California	60
11004	Lee T-Shirt	New York	110
I1005	Levis T-Shirt	New York	60
11006	Satyapaul Sari	New York	50
11007	Allen Solly Tie	New York	20
11015	Arrow Jeans	New York	65
I1015	Arrow Jeans	Dallas	40

Expected Result					
ITEMCODE	DESCR	LOCATION	QTYAVAILAB		
11004	Lee T-Shirt	California	100		
I1007	Allen Solly Tie	California	50		
I1006	Satyapaul Sari	California	20		
I1015	Arrow Jeans	California	60		
11004	Lee T-Shirt	New York	110		
I1005	Levis T-Shirt	New York	60		
I1006	Satyapaul Sari	New York	50		
I1007	Allen Solly Tie	New York	20		
I1015	Arrow Jeans	New York	65		
I1015	Arrow Jeans	Dallas	40		

10 row(s) selected

Congratulations !!! Your query is correct.

Assignment – 88 Optional:

Identify the quotations submitted for all items. Display itemcode, item description and quotationid for the same. If the item does not have any quotation, display 'No quotation received' for quotationid.

Database structure

Item (Itemcode, Itemtype, Descr, Price, Reorderlevel, Qtyonhand, Category)

Quotation (Quotationid, Sname, Itemcode, Quotedprice, Qdate, Qstatus)

Orders (Orderid, Quotationid, Qtyordered, Orderdate, Status, Pymtdate, Delivereddate, Amountpaid, Pymtmode)

Retailoutlet (Roid, Location, Managerid)

Empdetails (Empid, Empname, Designation, Emailid, Contactno, Worksin, Salary)

Retailstock (Roid, Itemcode, Unitprice, Qtyavailable)

Customer (Custid, Custtype, Custname, Gender, Spouse, Emailid, Address)

Purchasebill (Billid, Roid, Itemcode, Custid, Billamount, Billdate, Quantity)

SELECT i.Itemcode, i.Descr, NVL(TO_CHAR(q.Quotationid), 'No quotation received') Quotationid FROM Item i LEFT JOIN Quotation q ON i.Itemcode = q.Itemcode;

Query Result		
ITEMCODE	DESCR	QUOTATIONID
11008	Xbox gamepad	Q1001
11008	Xbox gamepad	Q1002
I1010	Intel C2D Processor	Q1003
I1010	Intel C2D Processor	Q1004
11009	Microsoft Mous	eQ1005
11009	Microsoft Mous	eQ1006
I1012	500GB Hard dis	kQ1007
I1012	500GB Hard dis	kQ1008
11005	Levis T-Shirt	Q1009
11005	Levis T-Shirt	Q1010
11002	Best Rice	Q1011
11002	Best Rice	Q1012

Expected Result					
	ITEMCODE	DESCR	QUOTATIONID		
	11008	Xbox gamepad	Q1001		
	11008	Xbox gamepad	Q1002		
	I1010	Intel C2D Processor	Q1003		
	11010	Intel C2D Processor	Q1004		
	I1009	Microsoft Mous	eQ1005		
	I1009	Microsoft Mous	eQ1006		
	I1012	500GB Hard dis	kQ1007		
	I1012	500GB Hard dis	kQ1008		
	I1005	Levis T-Shirt	Q1009		
	11005	Levis T-Shirt	Q1010		
	11002	Best Rice	Q1011		
	I1002	Best Rice	Q1012		

11012500GB Hard disk Q101311013320GB Hard disk received11011Intel No quotation Motherboard received11001Britannia Marie Gold Cookies received11006Satyapaul Sari No quotation received11015Arrow Jeans No quotation received11004Lee T-Shirt No quotation received11003Modern Bread No quotation received11007Allen Solly Tie No quotation received11014Aroma Bread No quotation received11014No quotation received						
Intel No quotation Motherboard received Intel No quotation Motherboard received Intel No quotation Motherboard received Intel No quotation received	I1012	500GB Hard diskQ1013				
Motherboard received Britannia Marie Gold Cookies received 11006 Satyapaul Sari No quotation received 11015 Arrow Jeans No quotation received 11004 Lee T-Shirt No quotation received 11003 Modern Bread No quotation received 11007 Allen Solly Tie No quotation received	11013	320GB Hard disk				
Indicate	I1011					
I1006 Satyapaul Sari received No quotation	11001		•			
11004 Lee T-Shirt No quotation received 11003 Modern Bread No quotation received 11007 Allen Solly Tie No quotation received No quotation received No quotation received No quotation received No quotation received	11006	Satyapaul Sari	•			
11004 Lee 1-Snirt received 11003 Modern Bread No quotation received 11007 Allen Solly Tie No quotation received No quotation received No quotation received No quotation received	I1015	Arrow Jeans				
11003 Modern Bread received 11007 Allen Solly Tie No quotation received No quotation No quotation	11004	Lee T-Shirt	•			
11007 Allen Solly He received 11014 Aroma Bread No quotation	11003	Modern Bread	•			
11014 Aroma Bread	11007	Allen Solly Tie				
	11014	Aroma Bread				

I1012	500GB Hard disk Q1013				
I1013	320GB Hard disk	No quotation received			
I1011	Intel Motherboard	No quotation received			
I1001	Britannia Marie Gold Cookies	No quotation received			
11006	Satyapaul Sari	No quotation received			
I1015	Arrow Jeans	No quotation received			
11004	Lee T-Shirt	No quotation received			
I1003	Modern Bread	No quotation received			
I1007	Allen Solly Tie	No quotation received			
I1014	Aroma Bread	No quotation received			

22 row(s) selected

Congratulations !!! Your query is correct.

Assignment – 89 Optional:

The management of EasyShop would like to know the qtyavailable for items at retail outlets. Display itemcode, description, qtyavailable and roid for those items.

Database structure

Item (Itemcode, Itemtype, Descr, Price, Reorderlevel, Qtyonhand, Category)

Quotation (Quotationid, Sname, Itemcode, Quotedprice, Qdate, Qstatus)

Orders (Orderid, Quotationid, Qtyordered, Orderdate, Status, Pymtdate, Delivereddate, Amountpaid, Pymtmode)

Retailoutlet (Roid, Location, Managerid)

Empdetails (Empid, Empname, Designation, Emailid, Contactno, Worksin, Salary)

Retailstock (Roid, Itemcode, Unitprice, Qtyavailable)

Customer (Custid, Custtype, Custname, Gender, Spouse, Emailid, Address)

Purchasebill (Billid, Roid, Itemcode, Custid, Billamount, Billdate, Quantity)

SELECT i.Itemcode, i.Descr, rs.qtyavailable, rs.Roid FROM Item i INNER JOIN Retailstock rs ON i.Itemcode = rs.Itemcode;

Query Result					
ITEMCODE	DESCR	QTYAVAILABLE	ROID		
11001	Britannia Marie Gold Cookies	28	R1001		
I1002	Best Rice	20	R1001		
I1003	Modern Bread	20	R1001		
I1004	Lee T-Shirt	100	R1001		
11007	Allen Solly Tie	50	R1001		
11006	Satyapaul Sari	20	R1001		
11010	Intel C2D Processor	100	R1001		
I1011	Intel Motherboard	150	R1001		
I1012	500GB Hard disk	50	R1001		
I1013	320GB Hard disk	50	R1001		

E	Expected Result				
	ITEMCODE	DESCR	ROID	QTYAVAILAB	
	I1001	Britannia Marie Gold Cookies	R1001	28	
	I1002	Best Rice	R1001	20	
	I1003	Modern Bread	R1001	20	
	I1004	Lee T-Shirt	R1001	100	
	I1007	Allen Solly Tie	R1001	50	
	I1006	Satyapaul Sari	R1001	20	
	I1010	Intel C2D Processor	R1001	100	
	I1011	Intel Motherboar	R1001	150	
	I1012	500GB Hard disk	R1001	50	
	I1013	320GB Hard disk	R1001	50	

I1015	Arrow Jeans	60	R1001
I1001	Britannia Marie Gold Cookies	25	R1002
11002	Best Rice	50	R1002
I1003	Modern Bread	20	R1002
11004	Lee T-Shirt	110	R1002
11005	Levis T-Shirt	60	R1002
11006	Satyapaul Sari	50	R1002
11007	Allen Solly Tie	20	R1002
11008	Xbox gamepad	70	R1002
I1009	Microsoft Mouse	80	R1002
I1010	Intel C2D Processor	20	R1002
I1011	Intel Motherboard	30	R1002
	500GB Hard		

I1015	Arrow Jeans	R1001	60
I1001	Britannia Marie Gold Cookies	R1002	25
11002	Best Rice	R1002	50
I1003	Modern Bread	R1002	20
11004	Lee T-Shirt	R1002	110
11005	Levis T-Shirt	R1002	60
I1006	Satyapaul Sari	R1002	50
I1007	Allen Solly Tie	R1002	20
I1008	Xbox gamepad	R1002	70
I1009	Microsoft Mouse	R1002	80
I1010	Intel C2D Processor	R1002	20
I1011	Intel Motherboard	R1002	30

I1012	500GB Hard disk	130	R1002
I1013	320GB Hard disk	60	R1002
I1014	Aroma Bread	175	R1002
I1015	Arrow Jeans	65	R1002
I1012	500GB Hard disk	50	R1003
I1015	Arrow Jeans	40	R1003
I1008	Xbox gamepad	30	R1003

I1012	500GB Hard disk R1002	130
I1013	320GB Hard disk R1002	60
I1014	Aroma Bread R1002	75
I1015	Arrow Jeans R1002	65
I1012	500GB Hard disk R1003	50
I1015	Arrow Jeans R1003	40
I1008	Xbox gamepad R1003	30

29 row(s) selected

Congratulations !!! Your query is correct.

Assignment – 90 Optional:

The management of EasyShop would like to know the description, type of items and amount billed to customers for retail outlet 'R1001'.

Database structure

Item (Itemcode, Itemtype, Descr, Price, Reorderlevel, Qtyonhand, Category)

Quotation (Quotationid, Sname, Itemcode, Quotedprice, Qdate, Qstatus)

Orders (Orderid, Quotationid, Qtyordered, Orderdate, Status, Pymtdate, Delivereddate, Amountpaid, Pymtmode)

Retailoutlet (Roid, Location, Managerid)

Empdetails (Empid, Empname, Designation, Emailid, Contactno, Worksin, Salary)

Retailstock (Roid, Itemcode, Unitprice, Qtyavailable)

Customer (Custid, Custtype, Custname, Gender, Spouse, Emailid, Address)

Purchasebill (Billid, Roid, Itemcode, Custid, Billamount, Billdate, Quantity)

SELECT DISTINCT i.Descr, i.Itemtype, p.Billamount FROM Item i INNER JOIN Purchasebill p ON i.Itemcode = p.Itemcode INNER JOIN Retailstock rs ON p.Roid = rs.Roid WHERE rs.Roid = 'R1001';

Query Result			
DESCR	ITEMTYPE	BILLAMOUNT	
Britannia Marie Gold Cookies	FMCG	86.62	
Best Rice	FMCG	342.38	
320GB Hard disk	Computer	8983.5	
Intel Motherboard	l Computer	5441.46	
Lee T-Shirt	Apparels	359.71	
Arrow Jeans	Apparels	7846.3	
6 row(s) selected			

expected Result		
DESCR	ITEMTYPE	BILLAMOUNT
Britannia Marie Gold Cookies	FMCG	86.62
Best Rice	FMCG	342.38
Lee T-Shirt	Apparels	359.71
Intel Motherboard	Computer	5441.46
320GB Hard disk	Computer	8983.5
Arrow Jeans	Apparels	7846.3

Congratulations !!! Your query is correct.

Assignment – 91 Optional:

The management of EasyShop would like to know the description, type of items and amount billed to customers for retail outlet 'R1001'.

Database structure

Item (Itemcode, Itemtype, Descr, Price, Reorderlevel, Qtyonhand, Category)

Quotation (Quotationid, Sname, Itemcode, Quotedprice, Qdate, Qstatus)

Orders (Orderid, Quotationid, Qtyordered, Orderdate, Status, Pymtdate, Delivereddate, Amountpaid, Pymtmode)

Retailoutlet (Roid, Location, Managerid)

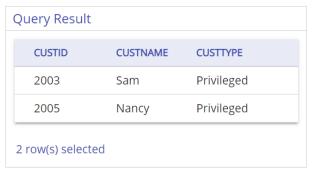
Empdetails (Empid, Empname, Designation, Emailid, Contactno, Worksin, Salary)

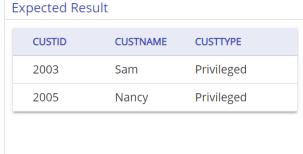
Retailstock (Roid, Itemcode, Unitprice, Qtyavailable)

Customer (Custid, Custtype, Custname, Gender, Spouse, Emailid, Address)

Purchasebill (Billid, Roid, Itemcode, Custid, Billamount, Billdate, Quantity)

SELECT c.Custid, c.Custname, c.Custtype FROM Customer c INNER JOIN Customer cp ON c.Custtype = cp.Custtype WHERE c.Custid <> 2004 AND cp.Custid = 2004;





Congratulations !!! Your query is correct.

Assignment – 92 Optional:

Identify the quotations submitted by the supplier for each item of type 'Computer' or 'FMCG'. Display itemtype, description and quotationid for the same. If the quotation has not been received for an item, display 'No quotation received' for quotationid.

Database structure

Item (Itemcode, Itemtype, Descr, Price, Reorderlevel, Qtyonhand, Category)

Quotation (Quotationid, Sname, Itemcode, Quotedprice, Qdate, Qstatus)

Orders (Orderid, Quotationid, Qtyordered, Orderdate, Status, Pymtdate, Delivereddate, Amountpaid, Pymtmode)

Retailoutlet (Roid, Location, Managerid)

Empdetails (Empid, Empname, Designation, Emailid, Contactno, Worksin, Salary)

Retailstock (Roid, Itemcode, Unitprice, Qtyavailable)

Customer (Custid, Custtype, Custname, Gender, Spouse, Emailid, Address)

Purchasebill (Billid, Roid, Itemcode, Custid, Billamount, Billdate, Quantity)

SELECT i.Itemtype, i.Descr, NVL(TO_CHAR(q.Quotationid), 'No quotation received') "Available Quotation number" FROM Item i LEFT JOIN Quotation q ON i.Itemcode = q.Itemcode WHERE i.Itemtype IN ('Computer', 'FMCG');

Query	/ Resul	t
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ITEMTYPE	DESCR	Available Quotation number
Computer	Xbox gamepad	Q1001
Computer	Xbox gamepad	Q1002
Computer	Intel C2D Processor	Q1003
Computer	Intel C2D Processor	Q1004
Computer	Microsoft Mouse	Q1005
Computer	Microsoft Mouse	Q1006
Computer	500GB Hard disk	Q1007
Computer	500GB Hard disk	Q1008
FMCG	Best Rice	Q1011
FMCG	Best Rice	Q1012

Expected Result

ITEMTYPE	DESCR	Available Quotation number
Computer	Xbox gamepad	Q1001
Computer	Xbox gamepad	Q1002
Computer	Intel C2D Processor	Q1003
Computer	Intel C2D Processor	Q1004
Computer	Microsoft Mouse	Q1005
Computer	Microsoft Mouse	Q1006
Computer	500GB Hard disk	Q1007
Computer	500GB Hard disk	Q1008
FMCG	Best Rice	Q1011
FMCG	Best Rice	Q1012

Computer	500GB Hard disk	Q1013
Computer	320GB Hard disk	No quotation received
Computer	Intel Motherboard	No quotation received
FMCG	Britannia Marie Gold Cookies	No quotation received
FMCG	Modern Bread	No quotation received
FMCG	Aroma Bread	No quotation received

Computer	500GB Hard disk	Q1013
Computer	320GB Hard disk	No quotation received
Computer	Intel Motherboard	No quotation received
FMCG	Britannia Marie Gold Cookies	No quotation received
FMCG	Modern Bread	No quotation received
FMCG	Aroma Bread	No quotation received

Congratulations !!! Your query is correct.