Homework2: view

1/ Create a view that show all category information from table category. You view should store data in the

form as this figure:

**use** pnc\_store;

**create** **view** storeCategory **as**

**select** catid **as** "Category ID",

catname **as** "Category Name",

description **as** "Description"

**from** category;

**select** \* **from** storeCategory;

2. Create a view that represents a report of products that include this information: product id, product name,

quantity, unit price, subtotal, category name and store name. Your report should list all products even

they don’t have category or store.

Finger 2

**use** pnc;

**create** **view** storeProducts **as**

**select** pid **as** 'productID', pname **as** 'Product Name',**sum**(product.quantity\*product.unitprice ) **as** 'Sub Total' ,quantity **as** 'Quantiry', unitprice **as** 'Unit Price', catname **as** 'Category Name', storename **as** 'Store Name'

**from** product

**inner** **join** category **on** product.catid=category.catid

**inner** **join** store **on** product.storeid=store.storeid

**where** store.storename = 'Store A' **group** **by** product.pid;

**select** \* **from** storeProducts;

// the some

**create** **view** v\_productlist **as**

**select** product.pid **as** 'Product ID', product.pname **as** 'Product Name',

product.quantity **as** 'Quantity', product.unitprice **as** 'Unit Price',

**concat**('$', **format**(product.quantity\*product.unitprice,3)) **as** 'Subtotal',

category.catname **as** 'Category Name', store.storename **as** 'Store Name'

**from** product **left** **join** category **on** product.catid = category.catid **left** **join** store **on** product.storeid= store.storeid;

**select** \* **from** v\_productlist;

3. Create a view that represents a report of store manager by including this information: manger id,

manager name, manager department, location and store name.

Finger 3

**use** pnc;

**create** **view** StoreLocations **as**

**select** employee.id **as** "Manger ID",

**concat**(employee.firstname,'',employee.lastname) **as** "Manager Name",

employee.departmentid **AS** "Department",

location.locationname **as** "Location Name",

store.storename **as** "Store Name"

**from** employee,location,store

**where** employee.title **LIKE** '%Manager%' **and** location.managerid=employee.id

**and** location.locationid=store.locationid;

**select** \* **from** StoreLocations;

5. Create a view that represents a report of sales in 2009. This report should include this information: sale

id, product name, quantity sold, unit price, subtotal and seller name.

Finger 5

**use** pnc;

**create** **view** ViewSaleProduct **as**

**select** salesid **as** 'Sale ID', pname **as** 'Product Name', sales.quantity **as** 'Sold Quantity', product.unitprice **as** 'Unit Price', **sum**(sales.quantity\*product.unitprice ) **as** 'Sub Total',

seller **as** 'Seller Name'

**from** sales

**inner** **join** product **on** sales.pid= product.pid **group** **by** sales.salesid;

**select** \* **from** ViewSaleProduct;

6. Create a view that represents a report of seller from 2009 to 2010 by including this information: seller

name, minimum quantity sold, maximum quantity sold, total quantity sold and total amount.

Finger 6:

**use** pnc;

**create** **view** SellerProducts **as**

**select** sales.seller **as** 'Seller Name',

**min**(sales.quantity) **as** 'Minimum Quantity',

**max**(sales.quantity) **as** 'Maximum Quantity',

**sum**(sales.quantity) **as** 'Total Quantity',

sales.quantity\*product.unitprice **as** 'Total Amount'

**from** sales **join** product **on** product.pid=sales.pid

**and** **year**(sales.salesdate)=2009 **and** 2010 **group** **by** sales.salesid;

**select** \* **from** SellerProducts;

7. Create a view that represents a sale report by year. Your report should include this information: year,

minimum sale, maximum sale, average sale and total sale.

Finger 7: