**HOMEWORK CREATE VIEW**

1.

**CREATE** **VIEW** listallCategory **as**

**SELECT** category.catid **as** "Category",

category.catname **as** "Category Name",

category.description **as** "Description"

**FROM** category;

2.

**CREATE** **VIEW** reportProduct **as**

**SELECT** p.pid,p.pname **as** "Product Name",

p.quantity **as** "Quantity",p.unitprice **as** "Unit Price",

**CONCAT** (p.quantity\*p.unitprice) **as** "SubTotla",

category.catname **as** "Categeory Name",

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

**FROM** product p, category,store **WHERE**

p.catid = category.catid

**AND** p.storeid = store.storeid;

3.

**CREATE** **VIEW** ReportManager **AS**

**SELECT** employee.id **AS** "Manager ID",

**CONCAT**(employee.firstname," ",employee.lastname) **AS** "Manager Name",

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

store.storename,location.locationname

**FROM** employee,location,store **WHERE** employee.title **LIKE** '%Manager%'

**AND** location.managerid=employee.id

**AND** location.locationid=store.locationid;

4.

**CREATE** **VIEW** summarization **As**

**select** category.catname,**count**(product.catid) **as** "Number of product",**sum**(product.quantity) **as** "Total Quantity"

,**concat**("$",**sum**(product.quantity\*product.unitprice)) **as** "Sub Total",**min**(product.quantity) **as** "Minimum Quantity"

,**max**(product.quantity) **as** "Maximum of product",**round**(**sum**(product.quantity)/**count**(category.catid),0) **as** "Average of Product",

**concat**("$",**sum**(product.unitprice\*product.catid)) **as** "Total Cost"

**from** product

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

**group** **by** product.catid

5.

**CREATE** **view** finger5 **as**

**SELECT** sales.salesid **as** "Sale ID",product.pname **as** "Product Name",sales.quantity **as** "Sold Quantity",product.unitprice

**as** "Unit Price",(product.unitprice\*sales.quantity) **as**"Sub total",

sales.seller **as** "Seller Name" **FROM** sales,product **WHERE** sales.pid=product.pid **AND** **year**(sales.salesdate)=2009;

6.

**CREATE** **view** finger6 **as**

**SELECT** sales.seller **as** "Seller Name",

MIN(sales.quantity) **as** "Minmum Quantity",

MAX(sales.quantity) **as** "Max Quantity",

**SUM**(sales.quantity) **as** "Total Quantity",

**concat**("$",**SUM**(sales.quantity\*product.unitprice)) **as** "Total Amount" **FROM** product

**inner** **join** sales **on**

sales.pid=product.pid **and**

sales.salesdate **between** '2009/01/01' **AND** '2010/12/31'

**GROUP** **BY** sales.seller;

7.

**CREATE** **VIEW** reportSaller **as**

**SELECT** **YEAR**(sales.salesdate) **as** "Year",

**MIN** (sales.quantity\*product.unitprice) **as** "Minimum Sale",

**MAX** (sales.quantity\*product.unitprice) **as** "Maximum Sale",

**AVG** (sales.quantity\*product.unitprice) **as** "Average Sale",

**SUM** (sales.quantity\*product.unitprice) **as** "Total Sale"

**FROM** sales,product **WHERE** sales.pid = product.pid

**GROUP** **BY** **YEAR** (sales.salesdate);