--1

select itemid, Description, listprice

FROM PET..merchandise

where listprice > (

select avg (listprice)

FROM PET..merchandise

)

--2

select s.Itemid,avg(o.cost)[Average Cost],avg(s.saleprice) [Average Sale Price]

FROM PET..saleitem s inner join PET..orderitem o on s.itemid = o.itemid

group by s.itemid

having avg(s.saleprice) > 1.5\*avg(o.cost)

order by s.itemid

--3

select e.EmployeeID, e.LastName, sum (si.saleprice)TotalSales, (sum (si.saleprice)/(select sum(saleprice)

from PET..saleitem))\*100 as PctSales

FROM PET..sale s inner join PET..employee e on s.employeeid =e.employeeid

inner join PET..saleitem si on si.saleid= s.saleid

group by e.employeeid, e.lastname

--4

select top 1 s.SupplierID, s.Name, (sum(m.shippingcost)/(select sum(shippingcost) from PET..merchandiseorder))\*100 as PctShipCost

FROM PET..supplier s inner join PET..merchandiseorder m on s.supplierid =m.supplierid

group by s.SupplierID, s.Name

order by PctShipCost desc

--5

select top 1 c.CustomerID, c.LastName, c.FirstName, sum(si.saleprice)MercTotal, sum(sa.saleprice)AnimalTotal,(sum(si.saleprice)+sum(sa.saleprice)) GrandTotal

FROM PET..customer c inner join PET..sale s on c.Customerid = s.Customerid inner join

PET..saleanimal sa on sa.saleid =s.saleid inner join PET..saleitem si on si.saleid =s.saleid

group by c.CustomerID, c.LastName, c.FirstName

order by grandtotal desc

--6

select c.CustomerID, c.LastName, c.FirstName, si.saleprice as MayTotal

FROM PET..customer c inner join PET..sale s on c.Customerid = s.Customerid

inner join PET..saleitem si on si.saleid =s.saleid

where si.saleprice > 100 and (DATEPART(MM, s.saledate)=5) or si.saleprice > 50 and (DATEPART(MM, s.saledate)=10)

--7

SELECT m.DESCRIPTION, m.ITEMID, m.QuantityOnHand AS [PURCHASED],

COUNT(si.SALEID) AS [SOLD], m.QuantityOnHand - COUNT(si.SaleID) AS [NETINCREASE]

FROM PET..MERCHANDISE m INNER JOIN PET..SALEITEM si ON m.ITEMID = si.ITEMID

INNER JOIN PET..SALE s ON s.SALEID = si.SALEID

WHERE m.Description LIKE 'Dog Food-Can-Premium'and ((DATEPART(MM, s.SaleDate)=1) and (DATEPART(MM, s.SaleDate)=7))

GROUP BY m.ITEMID, m.Description,m.QuantityOnHand

--8

select m.ItemID, Description, ListPrice

FROM PET..merchandise m inner join PET..saleitem si on m.itemid= si.itemid

inner join PET..sale s on s.saleid =si.saleid

where m.listprice > 50 and (DATEPART(MM, s.saledate)=5) and si.saleprice = 0

--9

select distinct m.ItemID, m.Description, m.QuantityOnHand, si.ItemID

FROM PET..Merchandise m full OUTER JOIN PET..SaleItem si on m.ItemID = si.ItemID

full outer join PET..sale s on s.saleid =si.saleid

WHERE m.QuantityOnHand >100 and (DATEPART(yyyy, s.saledate)<>2004)

order by m.itemid

--10

select distinct m.ItemID, m.Description, m.QuantityOnHand, si.ItemID

FROM PET..Merchandise m full OUTER JOIN PET..SaleItem si on m.ItemID = si.ItemID

full outer join PET..sale s on s.saleid =si.saleid

where m.QuantityOnHand in (select QuantityOnHand

from PET..Merchandise

where QuantityOnHand >100)

and (DATEPART(yyyy, s.saledate)<>2004)

order by m.itemid

--11

CREATE TABLE Category

(

Category VARCHAR(30),

low int,

High int

)

INSERT INTO Category

(category, low, High)

VALUES('weak', 0, 200)

INSERT INTO Category

VALUES('Good', 200, 800)

INSERT INTO Category

VALUES('Best', 800, 10000)

select c.CustomerID, c.LastName, c.FirstName,(sum(si.saleprice)+sum(sa.saleprice)) GrandTotal

FROM PET..customer c inner join PET..sale s on c.Customerid = s.Customerid inner join

PET..saleanimal sa on sa.saleid =s.saleid inner join PET..saleitem si on si.saleid =s.saleid

group by c.CustomerID, c.LastName, c.FirstName

order by grandtotal desc

--12

select distinct s.Name as [Name], OrderType =

(CASE WHEN a.orderid IS NULL THEN 'Merchandise Order' ELSE 'Animal Order' END)

FROM PET..supplier s left outer join PET..animalorder a on s.supplierid =a.supplierid

left outer join PET..merchandiseorder m on s.supplierid =m.supplierid

where (DATEPART(MM, a.OrderDate)=6)or (DATEPART(MM,m.OrderDate)=6)

group by s.Name, a.orderid, m.ponumber

--13

drop table Category

CREATE TABLE Category

(

Category VARCHAR(30),

low int,

High int

)

--14

INSERT INTO Category

(category, low, High)

VALUES('weak', 0, 200)

--15

UPDATE Category

set High = 400

where High = 200

--17

DELETE TOP (1)

FROM Category

WHERE Category = 'weak'

--18

--copy table

SELECT \*

INTO employeecopy

FROM PET..employee;

--delete data

delete

from employeecopy

--copy data

insert Employeecopy

select \*

from PET..employee