

Project-1

/*Get all the details from the person table including email ID, phone number and phone number type*/

select * from Person.EmailAddress;

select * from Person.PersonPhone;

--Get the details of the sales header order made in May 2011

select * from Sales.SalesOrderHeader

where YEAR(OrderDate) = 2011 and Month(OrderDate) = 5;

--Get the details of the sales details order made in the month of May 2011

select * from Sales.SalesOrderDetail sd join Sales.SalesOrderHeader sh

on sd.SalesOrderID = sh.SalesOrderID

where YEAR(sh.OrderDate) = 2011 and Month(sh.OrderDate) = 5;

--Get the total sales made in May 2011

select sum(sd.LineTotal) TotalSales from Sales.SalesOrderDetail sd

join Sales.SalesOrderHeader sh

on sd.SalesOrderID = sh.SalesOrderID

where YEAR(OrderDate) = 2011 and Month(OrderDate) = 5;

/*Get the total sales made in the year 2011 by month order by

increasing sales*/

select MONTH(sh.OrderDate) Month, sum(sd.LineTotal) TotalSales

from Sales.SalesOrderDetail sd

join Sales.SalesOrderHeader sh

on sd.SalesOrderID = sh.SalesOrderID

where Year(sh.OrderDate) = 2011

group by MONTH(sh.OrderDate)

order by TotalSales;

/*Get the total sales made to the customer with FirstName='Gustavo' and LastName = 'Achong'*/

select * from Person.Person

where FirstName='Gustavo' and LastName = 'Achong'

select * from Person.Person p

join Sales.SalesPerson sp

on p.BusinessEntityID = sp.BusinessEntityID

where (p.BusinessEntityID = sp.BusinessEntityID) and

(FirstName='Gustavo' and LastName = 'Achong');

/*There is a data available in the name of 'Gustavo Achong' in person.Person table, but the BusinessEntityID in person.Person table is not available in Sales.SalesPerson.*/