USE AdventureWorks2008R2;

SELECT COUNT(\*) AS NumberOfRecords

FROM Sales.SalesPerson;

select FirstName,LastName from Person.Person

where FirstName like 'B%';

select FirstName,LastName from Person.Person as per, HumanResources.Employee as humemp

where humemp.BusinessEntityID = per.BusinessEntityID

and humemp.JobTitle in('Design Engineer','Tool Designer','Marketing Assistant');

SELECT Name,Color FROM Production.Product

WHERE Weight = (SELECT MAX(Weight) FROM Production.Product);

SELECT Description ,ISNULL(MaxQty,0.00) AS MaxQty FROM Sales.SpecialOffer;

SELECT AVG(AverageRate) AS AverageRate FROM Sales.CurrencyRate

WHERE FromCurrencyCode='USD' AND ToCurrencyCode='GBP' and YEAR(Sales.CurrencyRate.CurrencyRateDate) like 2005;

SELECT ROW\_NUMBER() OVER (ORDER BY(FirstName))

AS Sequence,FirstName,LastName FROM Person.Person WHERE FirstName LIKE '%ss%';

SELECT CommissionPct,

CAST(CASE WHEN CommissionPct = 0.00 THEN 'BAND 0'

WHEN CommissionPct>0.001 AND CommissionPct<=1.00 THEN 'BAND 1'

WHEN CommissionPct>1.001 AND CommissionPct<=1.50 THEN 'BAND 2'

ELSE 'BAND 3'

END AS VARCHAR(7))

AS CommissionBand

FROM Sales.SalesPerson ORDER BY CommissionPct;

DECLARE @ID int

SET @ID = (SELECT HumanResources.Employee.BusinessEntityID

FROM Person.Person,HumanResources.Employee

WHERE Person.Person.BusinessEntityID = HumanResources.Employee.BusinessEntityID

AND (FirstName='Ruth' AND LastName='Ellerbrock'));

EXEC dbo.uspGetEmployeeManagers @ID

SELECT TOP 1 ProductID FROM Production.ProductInventory

WHERE Production.ProductInventory.LocationID=6

GROUP BY ProductID

ORDER BY sum(Quantity) DESC;

CREATE PROCEDURE getTotalSales

@year int

AS

BEGIN

SELECT January, February, March, April, May, June, July, August, September, October, November, December

FROM

(

SELECT DATENAME(MONTH, ShipDate) AS [MONTH], TotalDue

FROM [Sales].[SalesOrderHeader]

WHERE DATEPART(YEAR,ShipDate) = @year

)

AS ShipMonth

PIVOT

(

SUM(TotalDue)

FOR [MONTH] IN (January, February, March, April, May, June, July, August, September, October, November, December)

)

AS PivotSales

END

GO

EXEC getTotalSales @year=2008;

Go