1. select top 3 \* from Sales.SalesPerson

order by Bonus desc

select top 1 \* from(select top 2 \* from Sales.SalesPerson

order by Bonus desc)a order by a.Bonus

1. select \* from Sales.Store where Store.Name not like '%Bike%'
2. delete Sales.Customer output deleted.\*

where customerType='S'

1. create function fnEmployeeDetails(@empid int)

returns @EmployeeData table

(

empid int not null,

contactid int not null,

firstname varchar(50)not null,

lastname varchar(50),

managername varchar(100),

hiredate datetime

)

as

begin

declare @managerID int

set @managerID=(select ManagerID from HumanResources.Employee where EmployeeID=@empid)

;with EmpDetailsCTE as

(

select e.EmployeeID,e.ContactID,c.FirstName,c.LastName,e.HireDate from HumanResources.Employee e join Person.Contact c

on e.ContactID=c.ContactID

),

ManagerDetailsCTE as (select e.EmployeeID,c.FirstName,c.LastName from HumanResources.Employee e join Person.Contact c on e.ContactID=c.ContactID where c.ContactID in(select ContactID from HumanResources.Employee where EmployeeID=@managerID))

insert into @EmployeeData

select e.EmployeeID,e.ContactID,e.FirstName,e.LastName,m.FirstName+' '+m.LastName as 'Manager Name',e.HireDate from EmpDetailsCTE e,ManagerDetailsCTE m where e.EmployeeID=@empid

return

end

1. create proc procVendorDetails @ProductID int

as

select v.VendorID,v.AccountNumber,v.Name from Purchasing.Vendor v join Purchasing.ProductVendor p on p.VendorID=v.VendorID where p.ProductID=@ProductID

1. SET TRANSACTION ISOLATION LEVEL

READ COMMITTED or REPEATABLE READ

BEGIN TRANSACTION TR

BEGIN TRY

UPDATE Production.ProductCostHistory

SET StandardCost=15.4588

WHERE ProductID=707COMMIT TRANSACTION TR

PRINT 'Transaction Executed'

END TRY

BEGIN CATCH

ROLLBACK TRANSACTION TR

PRINT 'Transaction Roll backed'

END CATCH

1. create trigger trgUpdateEmployee

on HumanResources.Employee

for update

as

begin

select \* from inserted

select \* from deleted

end

update HumanResources.Employee

set MaritalStatus='M'

where EmployeeID=2