1.

Select top 10

o.OriderID,

p.ProductID,

c.CustomerID,

e.EmployeeID,

s.SupplierID,

o.OrderDate,

od.UnitPrice,

od.Quantity,

od.Discount,

(od.UnitPrice \* od.Quantity) \* (1-od.Discount) as ExtPrice

From [Order Details] od

Join Orders o on o.OrderID = od.OrderID

Join Customers c on c.CustomerID = o.CustomerID

Join Employees e on e.EmployeeID=o.EmployeeID

Join Products p on p.ProductID = od.ProductID

Join Suppliers s on s.SupplierID=p.SupplierID

Order by o.orderid, p.ProductID

2.

Select \* from date\_dimension

Where Date = ‘7/11/1996’

3.

Select

orderID,

OrderDate,

ShippedDate,

, DATEDIFF(d, OrderDate, COALESCE(ShippedDate, GetDate(ShippedDate, ‘1998-5-10’))) as LagDays

From Orders

Use Northwind

Go

Select

ProductID,

ProductName,

CompanyName as SupplierName,

CategoryName,

UnitPrice,

Discontinued

From products

Join Suppliers on Suppliers.SupplierID = Products.ProductID

Use ist722\_caharper\_dw

Go

If exists(select \* from information\_schema.tables where table\_name = ‘Dim\_Product’)

Drop table Dim\_Product

Create table Dim\_Product(

ProductID int NOT NULL,

ProductName nvarchar(40) NOT NULL,

SupplierName nvarchar(40) NOT NULL,

CategoryName nvarchar(15) NOT NULL,

UnitPrice money NOT NULL,

Discontinued bit NOT NULL

)