

SQL

```
Select OrderID, OrderDate, Customer.CustomerID,  
CustLastName + ', ' + CustFirstName AS Contact, Phone  
FROM CustOrder JOIN Customer  
ON CustOrder.CustomerID = Customer.CustomerID  
WHERE OrderID NOT IN  
(SELECT OrderID  
FROM CustOrderLine  
WHERE Status = 'SHIPPED')
```

```
WITH BigPacker AS  
(SELECT TOP(1) EmployeeID, COUNT(PackageNumber) AS NumberPacked  
FROM PackingSlip  
GROUP BY EmployeeID  
ORDER BY NumberPacked DESC)  
SELECT LastName, FirstName  
FROM Employee  
JOIN BigPacker ON BigPacker.EmployeeID = Employee.EmployeeID
```

```
SELECT PartNumber, PartDescription, QuantityShipped AS PiecesShipped  
FROM InventoryPart JOIN ShippedItem  
ON InventoryPart.PartNumber = ShippedItem.PartNumber  
ORDER BY PiecesShipped DESC
```

```
SELECT LastName AS EmployeeLastName, FirstName, Supervisor AS SuperVisorLastName  
FROM Employee AS Emp JOIN Employee AS Sup  
ON Emp.Supervisor = Sup.Supervisor  
ORDER BY SuperVisorLastName
```

```
SELECT CompanyName AS Name, Phone  
FROM Customer  
UNION  
SELECT CustLastName AS Name  
FROM Customer  
Where CompanyName IS Null  
ORDER BY Name
```

```
SELECT SalaryWage AS AnnualPay  
FROM Employee  
UNION  
SELECT SalaryWage*40*52 AS AnnualPay, LastName + FirstName AS Name  
FROM Employee  
WHERE SalaryWage < 500
```

```
CREATE TRIGGER crInvOrderTrigger
```

SQL

```
on InventoryPart
for update
as
if (stockOnOrder + StockLevel) > (4*reorderLevel)
BEGIN
RAISEERROR ('Error: The part already exists',16,1);
ROLLBACK TRAN
END
```

```
BEGIN TRANSACTION test4
USE [IST278EagleCorp13-1]
GO
UPDATE Employee
Set EmployeeID = 101046
WHERE FirstName = 'Jack'
```

```
ROLLBACK TRANSACTION test4
```

```
END TRANSACTION
```

```
CREATE VIEW crsupervisors
AS
Select FirstName + ' ' + LastName AS Supervisor, COUNT(EmployeeID)
FROM Employee
WHERE EmployeeID < Supervisor
```

```
CREATE PROC crCityContacts
@city varchar(20)
AS
if (@city is not null)
SELECT CompanyName FROM Customer
WHERE @city = City
Select CompanyName FROM Supplier
WHERE @city = City
else
    PRINT 'No Suppliers or Customers int the city of ' + @city
```

```
Create Table CRParentTab
(
id int PRIMARY KEY ,
FirstName VarChar(25) NOT NULL,
MiddleInitial Char(1) NOT NULL,
LastName VarChar(25) NOT NULL,
Title VarChar(25) NOT NULL
```

SQL

```
)  
Create Table CRChildTab  
(  
id int Foreign KEY ,  
FirstName VarChar(25) NOT NULL,  
MiddleInitial Char(1) NOT NULL,  
LastName VarChar(25) NOT NULL,  
Title VarChar(25) NOT NULL  
)
```

```
SELECT FirstName, LastName,  
  (SELECT Min(ShippedDate)  
   FROM Employee.EmployeeID  
   WHERE EmployeeID = EmployeeID)  
  AS MostRecentShippedDate  
FROM PackingSlip.EmployeeID;
```