CREATE PROCEDURE UpdateOrderStatusAndLog

@OrderID INT,

@NewStatus VARCHAR(20)

AS

BEGIN

DECLARE @OldStatus VARCHAR(20);

SELECT @OldStatus = Status FROM Orders WHERE OrderID = @OrderID;

IF @OldStatus IS NOT NULL AND @OldStatus <> @NewStatus

BEGIN

UPDATE Orders

SET Status = @NewStatus

WHERE OrderID = @OrderID;

INSERT INTO OrderStatusHistory (OrderID, OldStatus, NewStatus)

VALUES (@OrderID, @OldStatus, @NewStatus);

END

END;

CREATE PROCEDURE GenerateMonthlySalesReport

@Month INT,

@Year INT

AS

BEGIN

DECLARE @SellerID INT, @TotalSales DECIMAL(10,2);

DECLARE seller\_cursor CURSOR FOR

SELECT SellerID FROM Sellers;

OPEN seller\_cursor;

FETCH NEXT FROM seller\_cursor INTO @SellerID;

WHILE @@FETCH\_STATUS = 0

BEGIN

SELECT @TotalSales = SUM(TotalAmount)

FROM Orders

WHERE SellerID = @SellerID

AND MONTH(OrderDate) = @Month

AND YEAR(OrderDate) = @Year;

PRINT 'Sprzedawca: ' + CAST(@SellerID AS VARCHAR) +

', Sprzedaż: ' + CAST(ISNULL(@TotalSales, 0) AS VARCHAR);

FETCH NEXT FROM seller\_cursor INTO @SellerID;

END

CLOSE seller\_cursor;

DEALLOCATE seller\_cursor;

END;

CREATE PROCEDURE ArchiveOldOrders

@YearsAgo INT

AS

BEGIN

SET NOCOUNT ON;

DECLARE @CutoffDate DATE = DATEADD(YEAR, -@YearsAgo, GETDATE());

-- Wstaw dane do ArchivedOrders

INSERT INTO ArchivedOrders (

OrderID, CustomerID, EmployeeID, OrderDate, RequiredDate, ShippedDate,

ShipVia, Freight, ShipName, ShipAddress, ShipCity,

ShipRegion, ShipPostalCode, ShipCountry, ArchiveDate

)

SELECT

OrderID, CustomerID, EmployeeID, OrderDate, RequiredDate, ShippedDate,

ShipVia, Freight, ShipName, ShipAddress, ShipCity,

ShipRegion, ShipPostalCode, ShipCountry, GETDATE()

FROM Orders

WHERE OrderDate < @CutoffDate;

-- Wstaw dane do ArchivedOrderDetails

INSERT INTO ArchivedOrderDetails (

OrderID, ProductID, UnitPrice, Quantity, Discount

)

SELECT

od.OrderID, od.ProductID, od.UnitPrice, od.Quantity, od.Discount

FROM [Order Details] od

INNER JOIN Orders o ON od.OrderID = o.OrderID

WHERE o.OrderDate < @CutoffDate;

-- Usuń szczegóły zamówień

DELETE FROM [Order Details]

WHERE OrderID IN (

SELECT OrderID FROM Orders WHERE OrderDate < @CutoffDate

);

-- Usuń zamówienia

DELETE FROM Orders

WHERE OrderDate < @CutoffDate;

END;