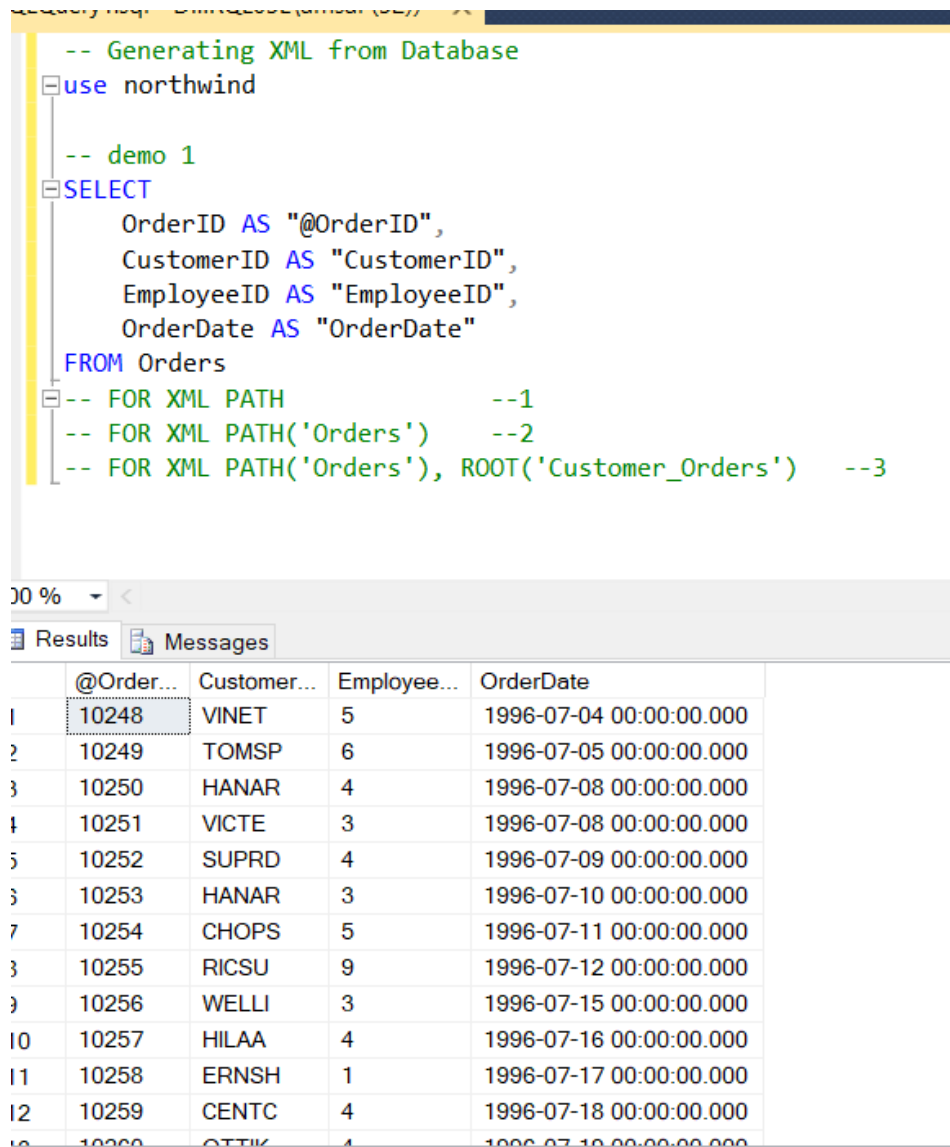


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The screenshot displays the SQL Server Enterprise Manager interface. The top pane shows a SQL query script with the following content:

```
-- Generating XML from Database
use northwind

-- demo 1
SELECT
    OrderID AS "@OrderID",
    CustomerID AS "CustomerID",
    EmployeeID AS "EmployeeID",
    OrderDate AS "OrderDate"
FROM Orders
-- FOR XML PATH --1
-- FOR XML PATH('Orders') --2
-- FOR XML PATH('Orders'), ROOT('Customer_Orders') --3
```

The bottom pane shows the 'Results' tab with a table of data. The table has five columns: '@OrderID', 'CustomerID', 'EmployeeID', and 'OrderDate'. The data is as follows:

	@OrderID	CustomerID	EmployeeID	OrderDate
1	10248	VINET	5	1996-07-04 00:00:00.000
2	10249	TOMSP	6	1996-07-05 00:00:00.000
3	10250	HANAR	4	1996-07-08 00:00:00.000
4	10251	VICTE	3	1996-07-08 00:00:00.000
5	10252	SUPRD	4	1996-07-09 00:00:00.000
6	10253	HANAR	3	1996-07-10 00:00:00.000
7	10254	CHOPS	5	1996-07-11 00:00:00.000
8	10255	RICSU	9	1996-07-12 00:00:00.000
9	10256	WELLI	3	1996-07-15 00:00:00.000
10	10257	HILAA	4	1996-07-16 00:00:00.000
11	10258	ERNSH	1	1996-07-17 00:00:00.000
12	10259	CENTC	4	1996-07-18 00:00:00.000

query tersebut akan menghasilkan output seluruh data dari tabel Orders.

SELECT

```

    (SELECT OrderID AS "@OrderID",
        CustomerID AS "CustomerID",
        EmployeeID AS "EmployeeID",
        OrderDate AS "OrderDate"
        FROM Orders
        FOR XML PATH('Order'), TYPE, ELEMENTS)
    FOR XML PATH('Customer_Orders')

```

100 %

Results Messages

	XML_F52E2B61-18A1-11d1-B105-00805F49916B
1	<Customer_Orders><Order OrderID="10248"><Custom...

XML_F52E2B61-18A1-11d1-B105-00805F49916B1.xml x SQLQuery1.sql - D:\RQL05L\amsal (52))*

```

<Customer_Orders>
  <Order OrderID="10248">
    <CustomerID>VINET</CustomerID>
    <EmployeeID>5</EmployeeID>
    <OrderDate>1996-07-04T00:00:00</OrderDate>
  </Order>
  <Order OrderID="10249">
    <CustomerID>TOMSP</CustomerID>
    <EmployeeID>6</EmployeeID>
    <OrderDate>1996-07-05T00:00:00</OrderDate>
  </Order>
  <Order OrderID="10250">
    <CustomerID>HANAR</CustomerID>
    <EmployeeID>4</EmployeeID>
    <OrderDate>1996-07-08T00:00:00</OrderDate>
  </Order>
  <Order OrderID="10251">
    <CustomerID>VICTE</CustomerID>
    <EmployeeID>3</EmployeeID>
    <OrderDate>1996-07-08T00:00:00</OrderDate>
  </Order>
  <Order OrderID="10252">
    <CustomerID>SUPRD</CustomerID>
    <EmployeeID>4</EmployeeID>
    <OrderDate>1996-07-09T00:00:00</OrderDate>
  </Order>
  <Order OrderID="10253">
    <CustomerID>HANAR</CustomerID>
    <EmployeeID>3</EmployeeID>
    <OrderDate>1996-07-10T00:00:00</OrderDate>
  </Order>
  <Order OrderID="10254">
    <CustomerID>SUPRD</CustomerID>
    <EmployeeID>4</EmployeeID>
    <OrderDate>1996-07-10T00:00:00</OrderDate>
  </Order>

```

100 %

query tersebut akan menghasilkan output seluruh data dari tabel Orders yang kemudian dijadikan XML di dalam XML tersebut terdapat tag Customer_Orders yang menjadi root dari XML tersebut di dalam tag Customer_Orders terdapat tag Order yang berisi data dari tabel Orders dan memiliki atribut @OrderID tag Order akan diulang sebanyak jumlah data yang ada di tabel Orders

```
-- demo 3
SELECT
    (SELECT OrderID AS "@OrderID",
        CustomerID AS "CustomerID",
        EmployeeID AS "EmployeeID",
        OrderDate AS "OrderDate",
        (SELECT
            ProductID AS "@ProductID",
            UnitPrice AS "UnitPrice",
            Quantity AS "Quantity",
            Discount AS "Discount"
            FROM [Order Details] OD
            WHERE OD.OrderID = O.OrderID
            FOR XML PATH('OrderDetails'), TYPE
        )
        FROM Orders O
        FOR XML PATH('Order'), TYPE, ELEMENTS)
    FOR XML PATH('Customer_Orders')
```

100 %

Results Messages

XML_F52E2B61-18A1-11d1-B105-00805F49916B

<Customer_Orders><Order OrderID="10248"><Custom...

```
<Customer_Orders>
  <Order OrderID="10248">
    <CustomerID>VINET</CustomerID>
    <EmployeeID>5</EmployeeID>
    <OrderDate>1996-07-04T00:00:00</OrderDate>
    <OrderDetails ProductID="11">
      <UnitPrice>14.0000</UnitPrice>
      <Quantity>12</Quantity>
      <Discount>0.0000000e+000</Discount>
    </OrderDetails>
    <OrderDetails ProductID="42">
      <UnitPrice>9.8000</UnitPrice>
      <Quantity>10</Quantity>
      <Discount>0.0000000e+000</Discount>
    </OrderDetails>
    <OrderDetails ProductID="72">
      <UnitPrice>34.8000</UnitPrice>
      <Quantity>5</Quantity>
      <Discount>0.0000000e+000</Discount>
    </OrderDetails>
  </Order>
</Customer_Orders>
```

query tersebut akan menghasilkan output seluruh data dari tabel Orders yang kemudian dijadikan XML di dalam XML tersebut terdapat tag Customer_Orders yang menjadi root dari XML tersebut di dalam tag Customer_Orders terdapat tag Order yang berisi data dari tabel Orders dan memiliki atribut @OrderID tag Order akan diulang sebanyak jumlah data yang ada di tabel Orders di dalam tag Order terdapat tag OrderDetails yang berisi data dari tabel Order Details dan memiliki atribut @ProductID tag OrderDetails akan diulang sebanyak jumlah data yang ada di tabel Order Details