**Name:** Roohma Kadri

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**ASSIGNMENT 01**

**Simple SQL Query with a single table with where clause**

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**Northwind Database**

**Sample table: Products**

-ProductID

-ProductName

-SupplierID

-CategoryID

-QuantityPerUnit

-UnitPrice

-UnitsInStock

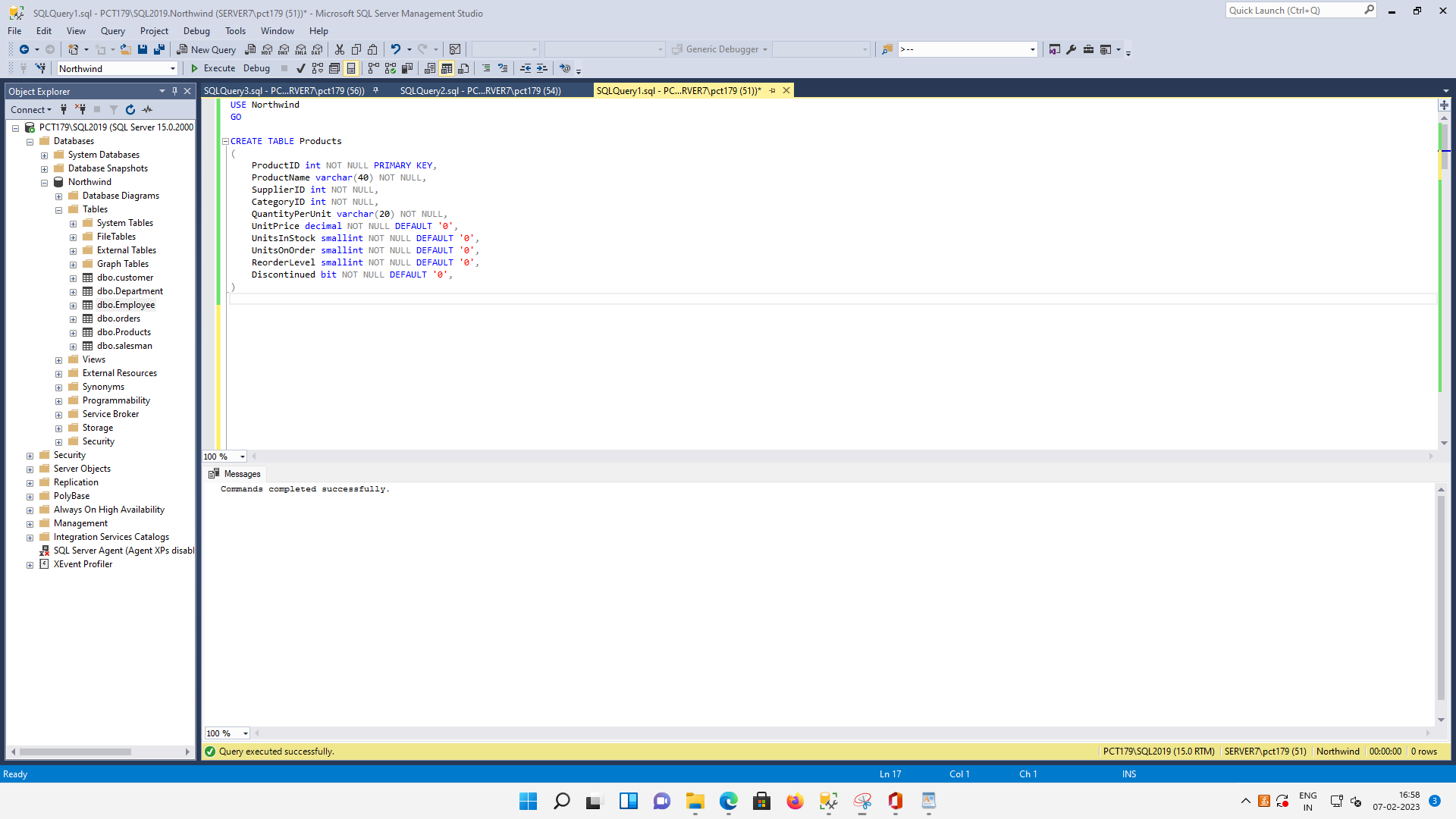
-UnitsOnOrder

-ReorderLevel

-Discontinued

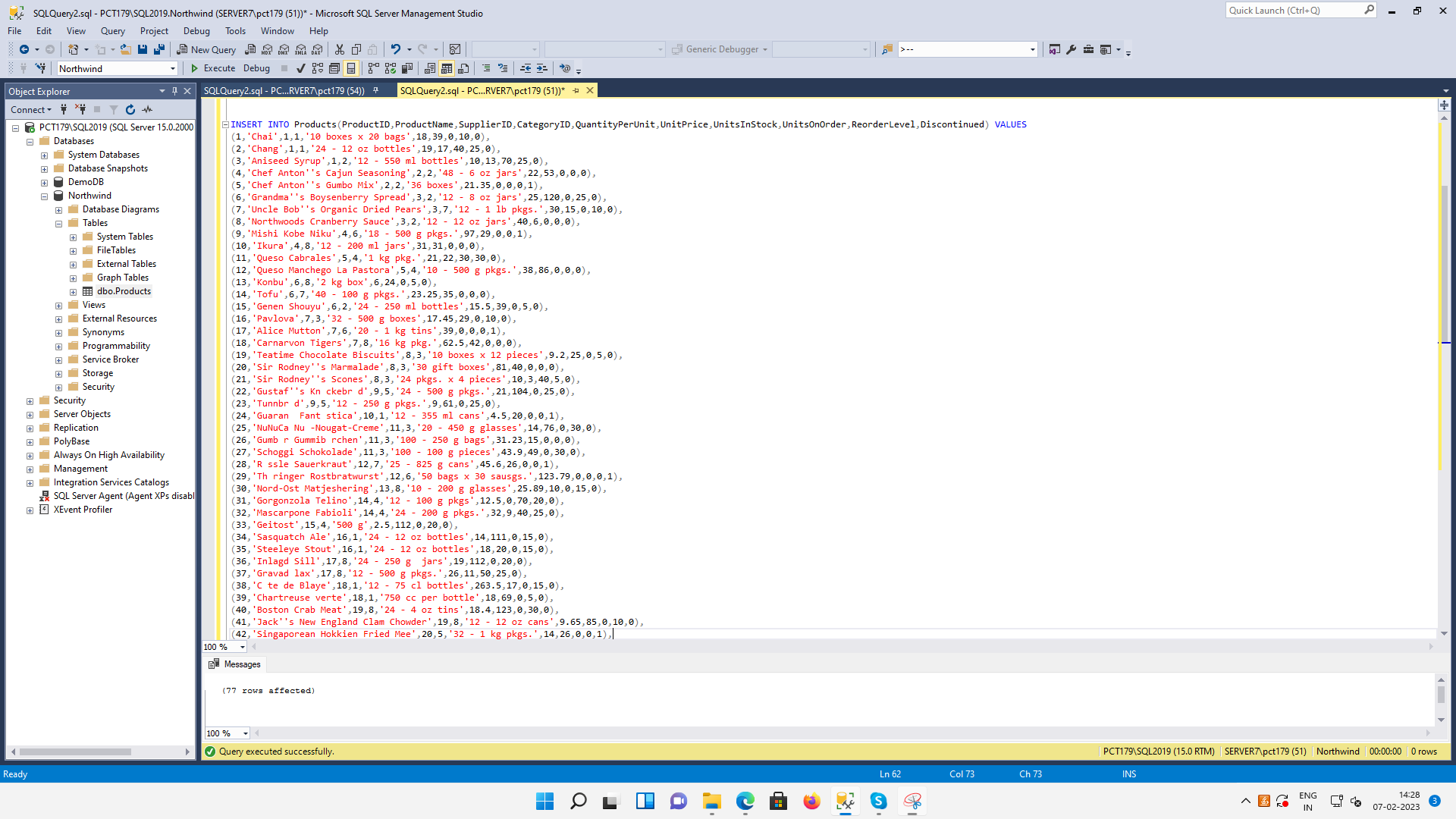
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**USE DATABASE AND CREATE TABLE**



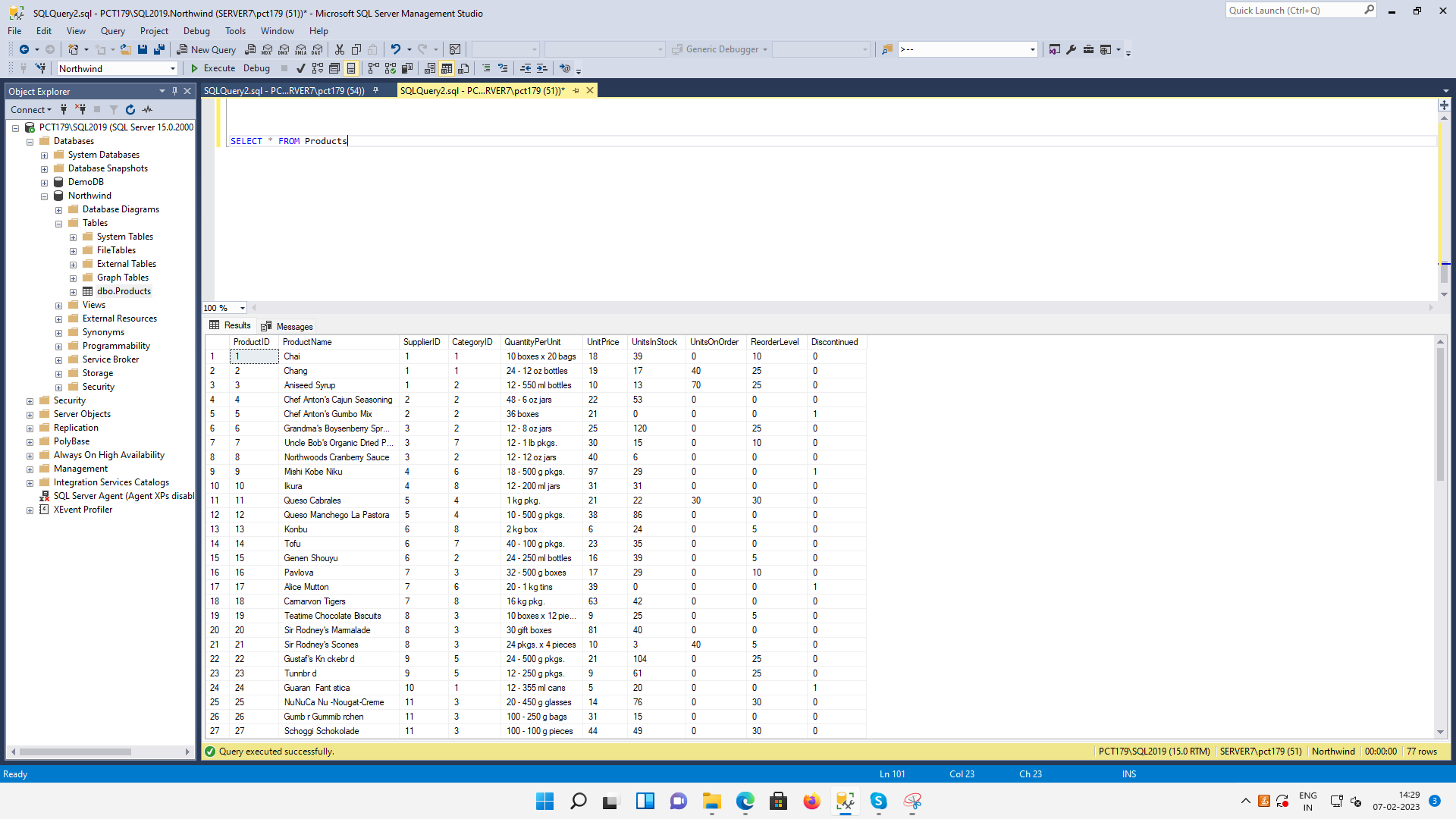
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**INSERT DUMMY DATA**



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**ALL DATA STORED IN THE TABLE**



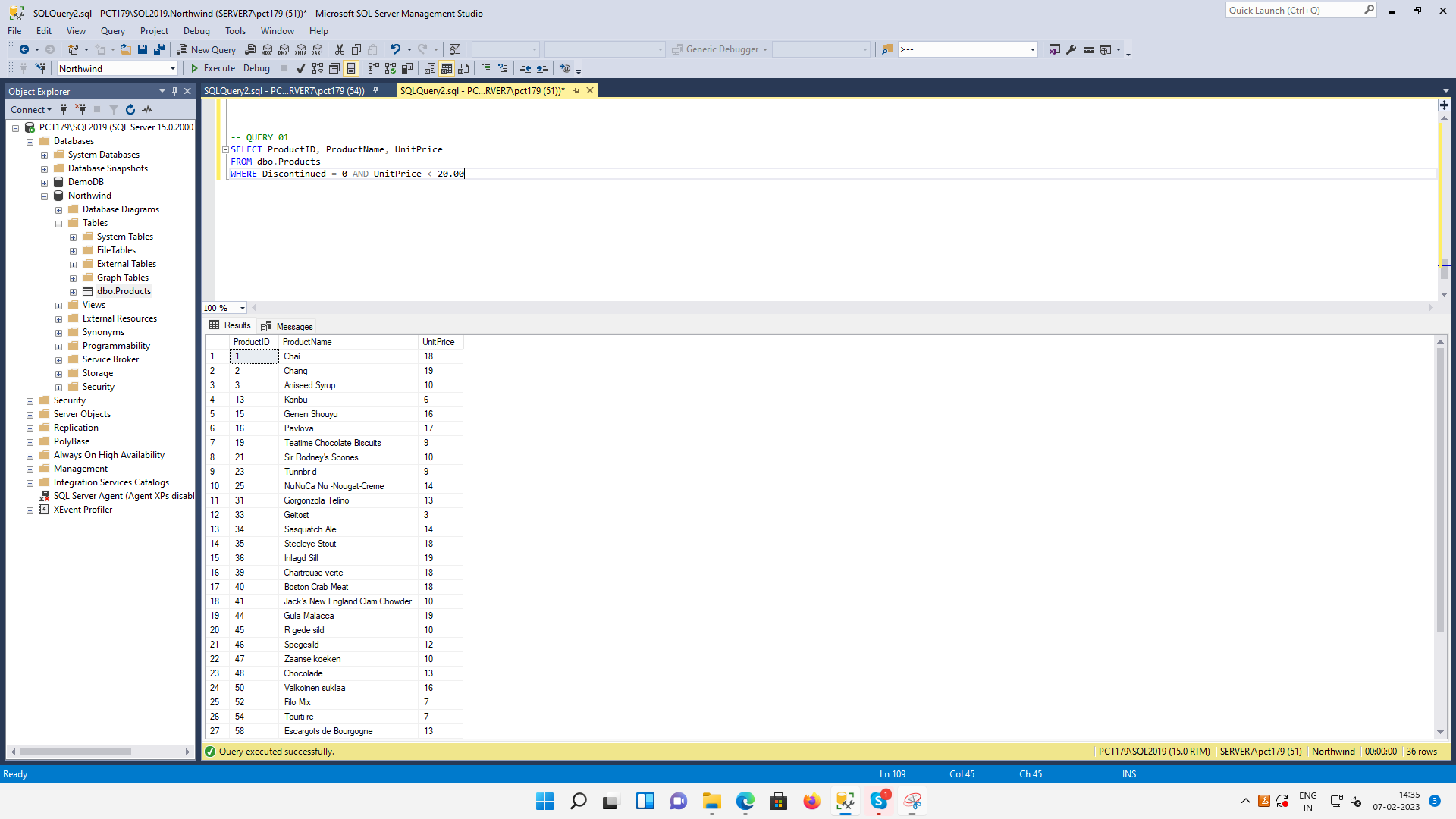
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**QUERY 01:** Write a query to get a Product list (id, name, unit price) where current products cost less than $20.

SELECT ProductID, ProductName, UnitPrice

FROM dbo.Products

WHERE Discontinued = 0 AND UnitPrice < 20.00



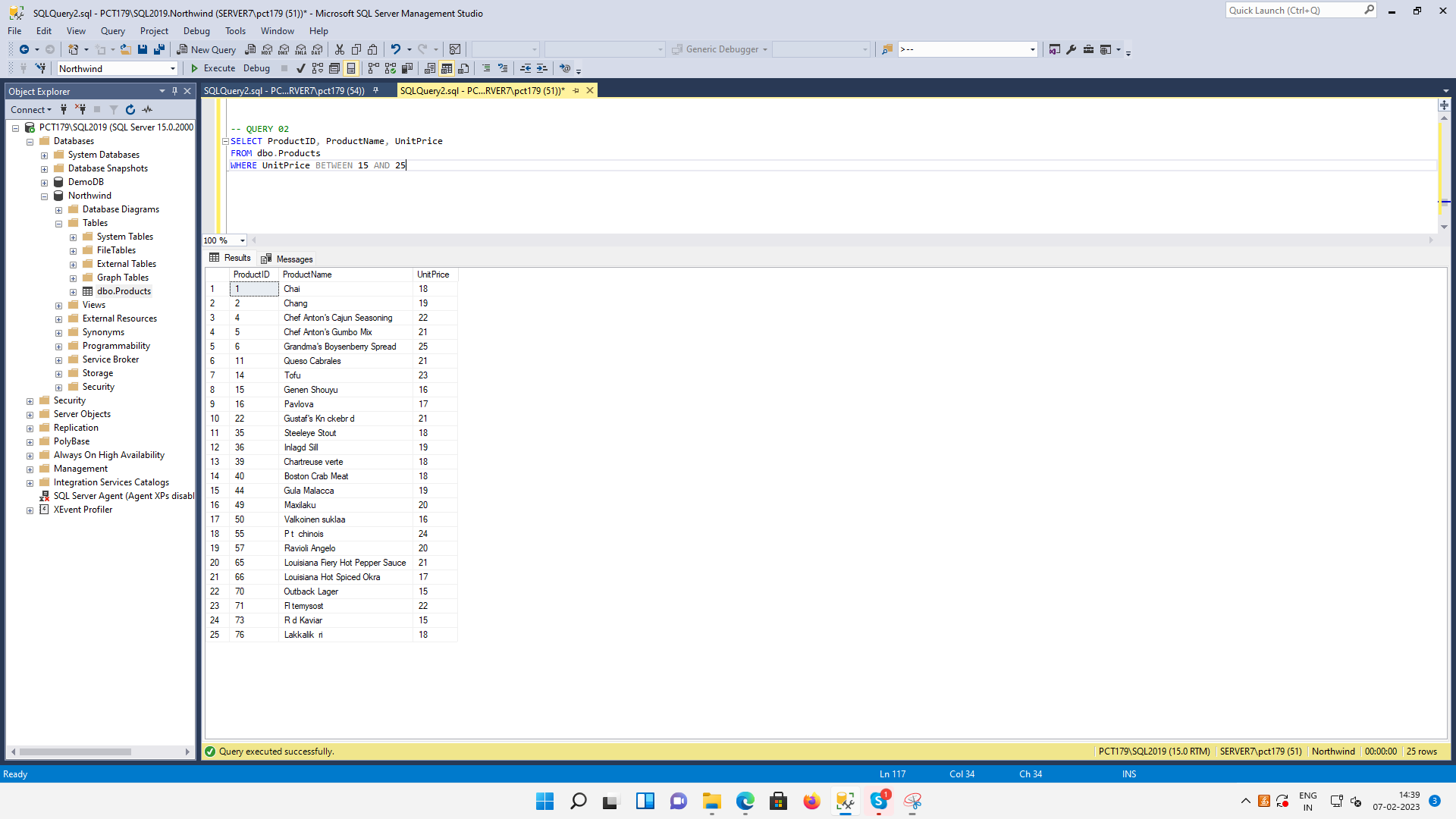
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**QUERY 02:** Write a query to get Product list (id, name, unit price) where products cost between $15 and $25

SELECT ProductID, ProductName, UnitPrice

FROM dbo.Products

WHERE UnitPrice BETWEEN 15 AND 25



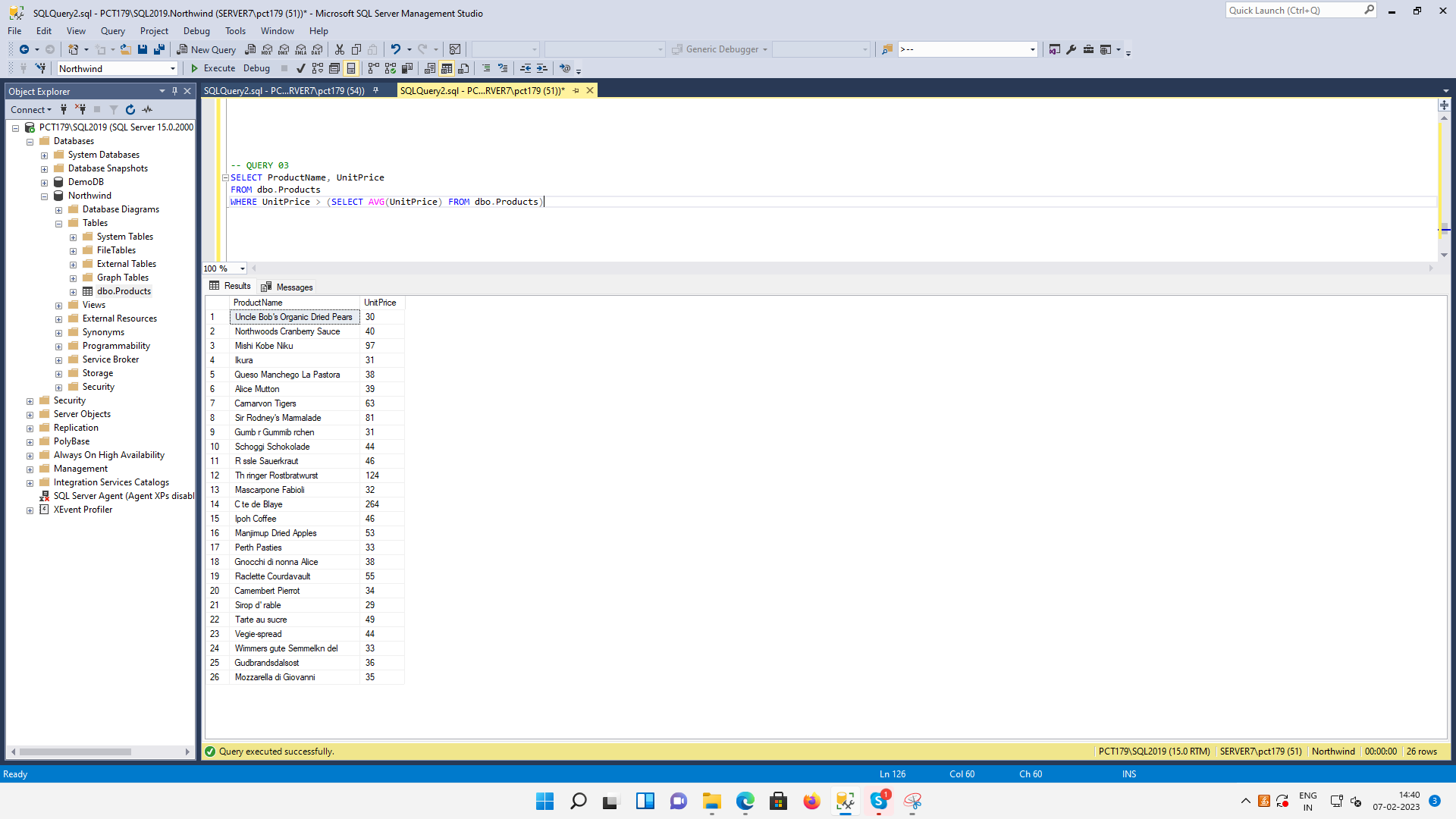
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**QUERY 03:** Write a query to get Product list (name, unit price) of above average price.

SELECT ProductName, UnitPrice

FROM dbo.Products

WHERE UnitPrice > (SELECT AVG(UnitPrice) FROM dbo.Products)



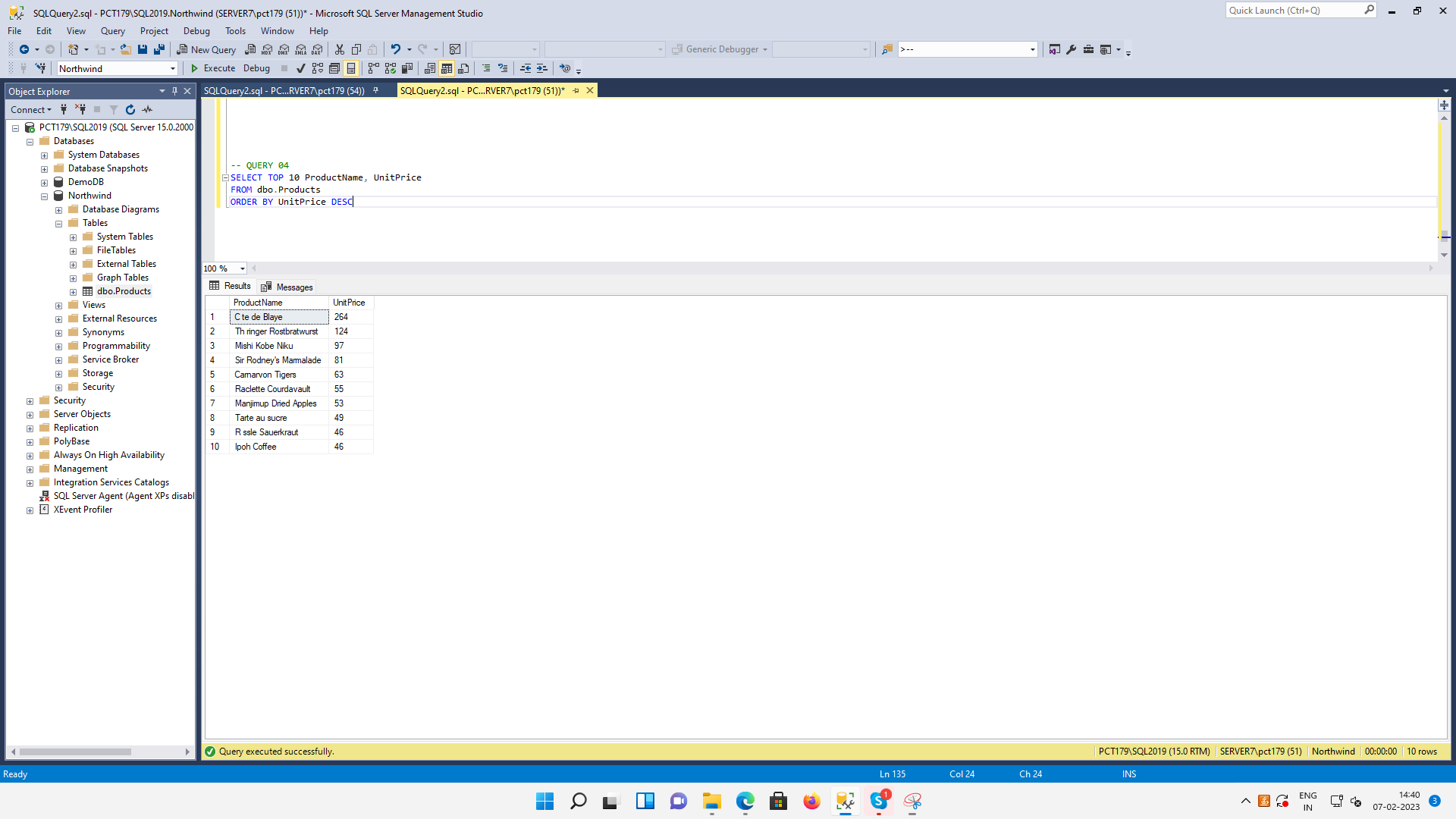
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**QUERY 04:** Write a query to get Product list (name, unit price) of ten most expensive products

SELECT TOP 10 ProductName, UnitPrice

FROM dbo.Products

ORDER BY UnitPrice DESC



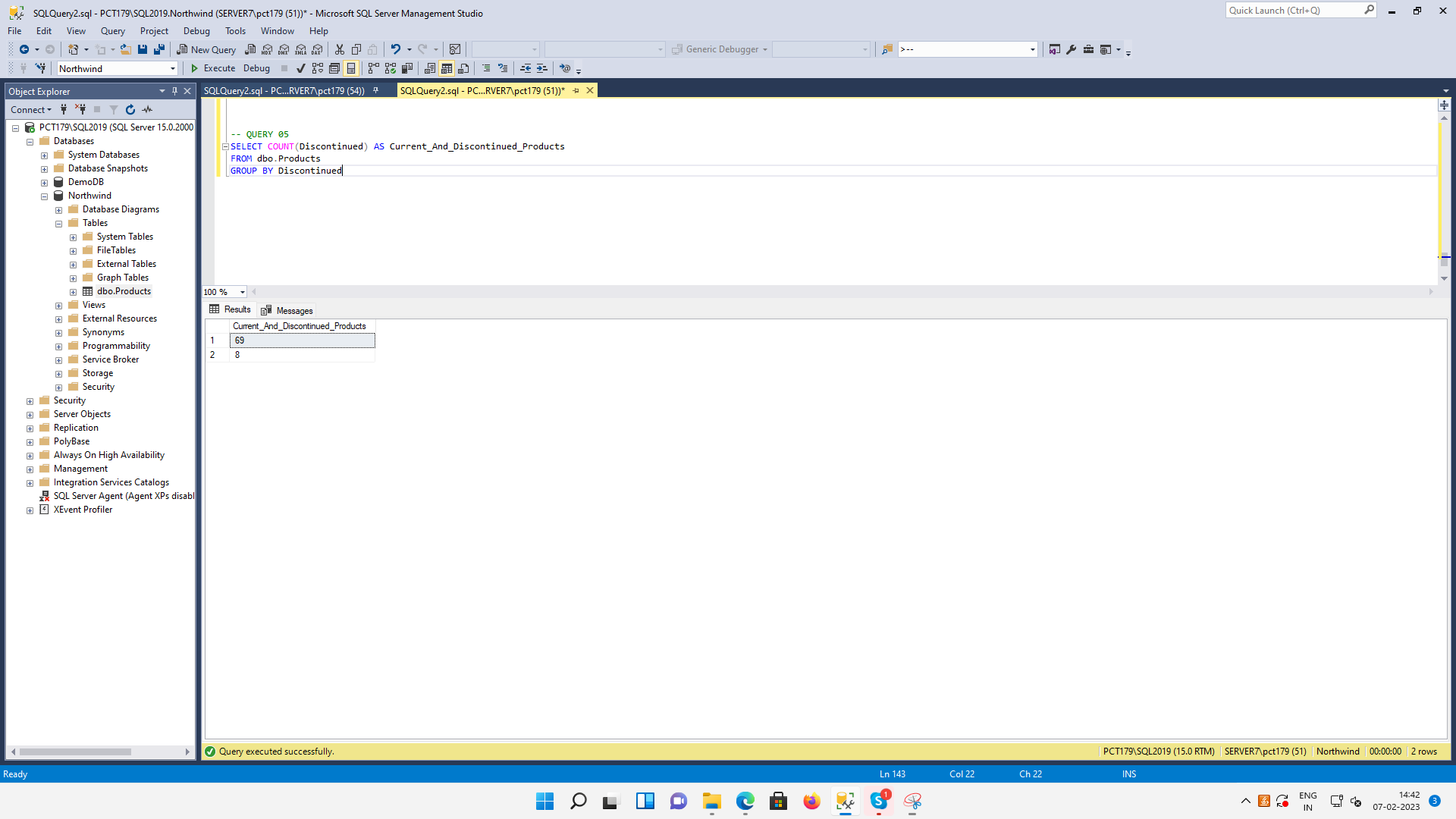
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**QUERY 05:** Write a query to count current and discontinued products

SELECT COUNT(Discontinued) AS Current\_And\_Discontinued\_Products

FROM dbo.Products

GROUP BY Discontinued



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**QUERY 06:** Write a query to get Product list (name, units on order, units in stock) of stock is less than the quantity on order

SELECT ProductName, UnitsOnOrder, UnitsInStock

FROM dbo.Products

WHERE UnitsInStock < UnitsOnOrder

