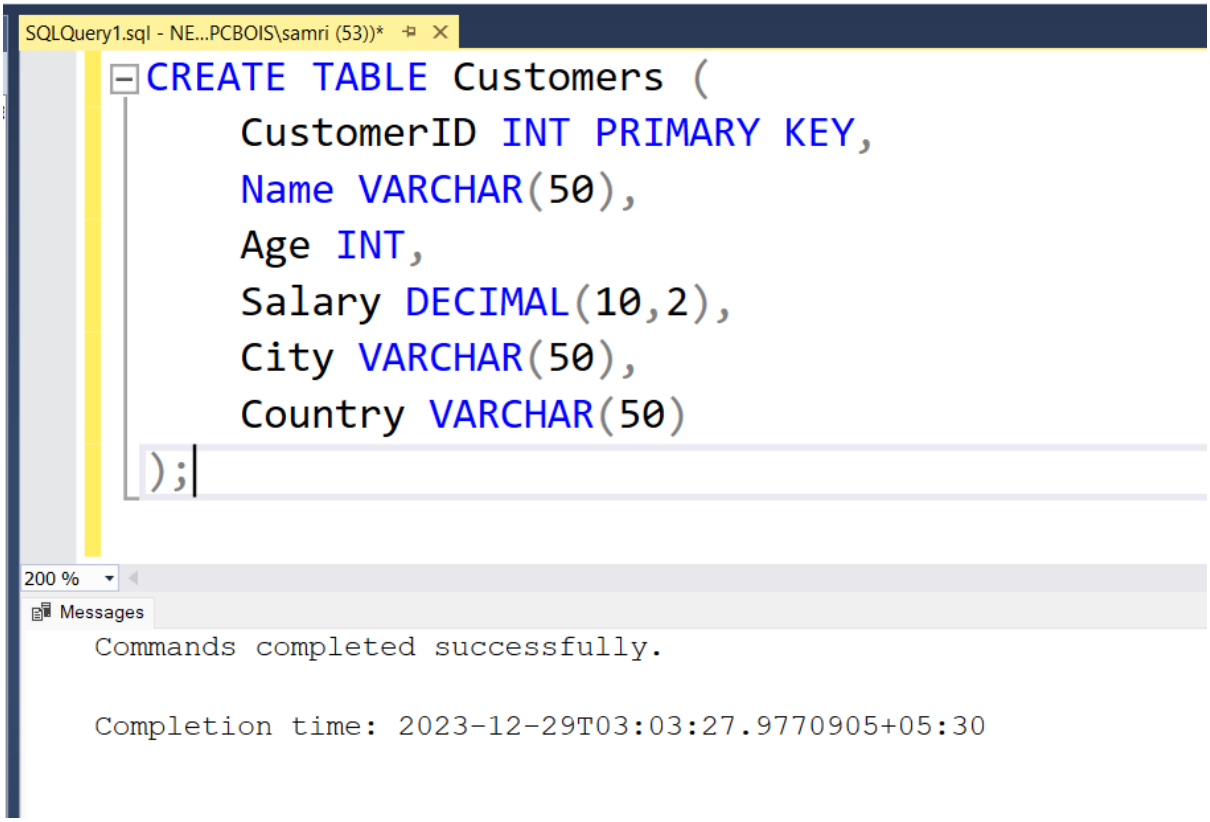
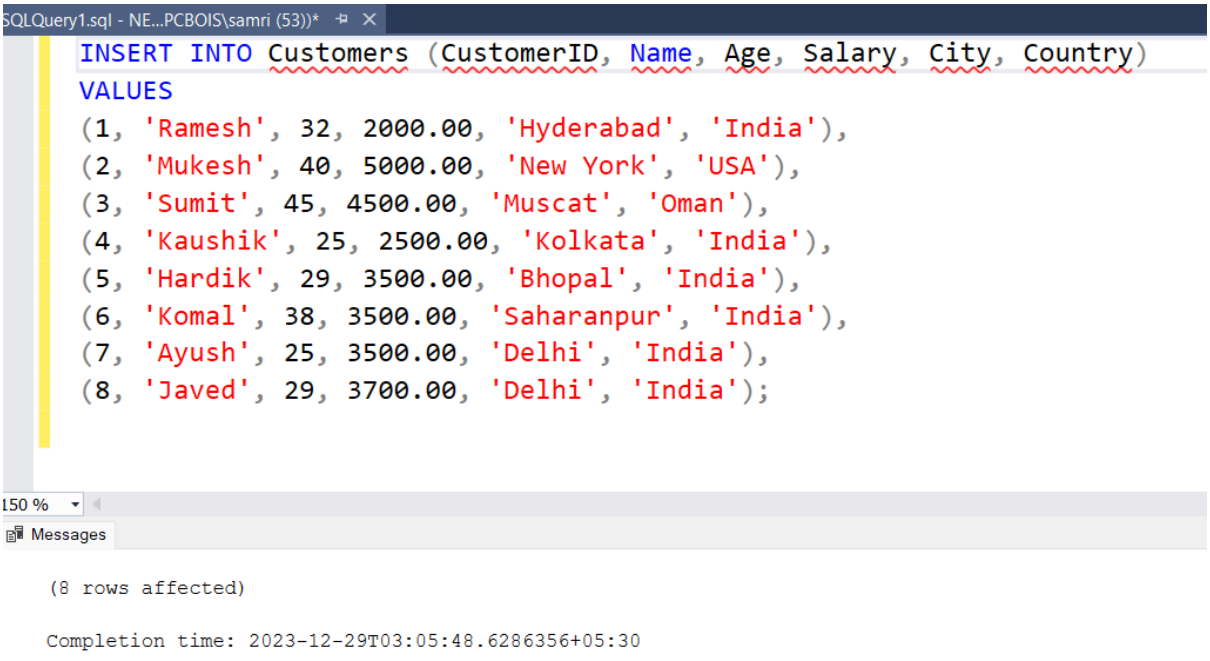
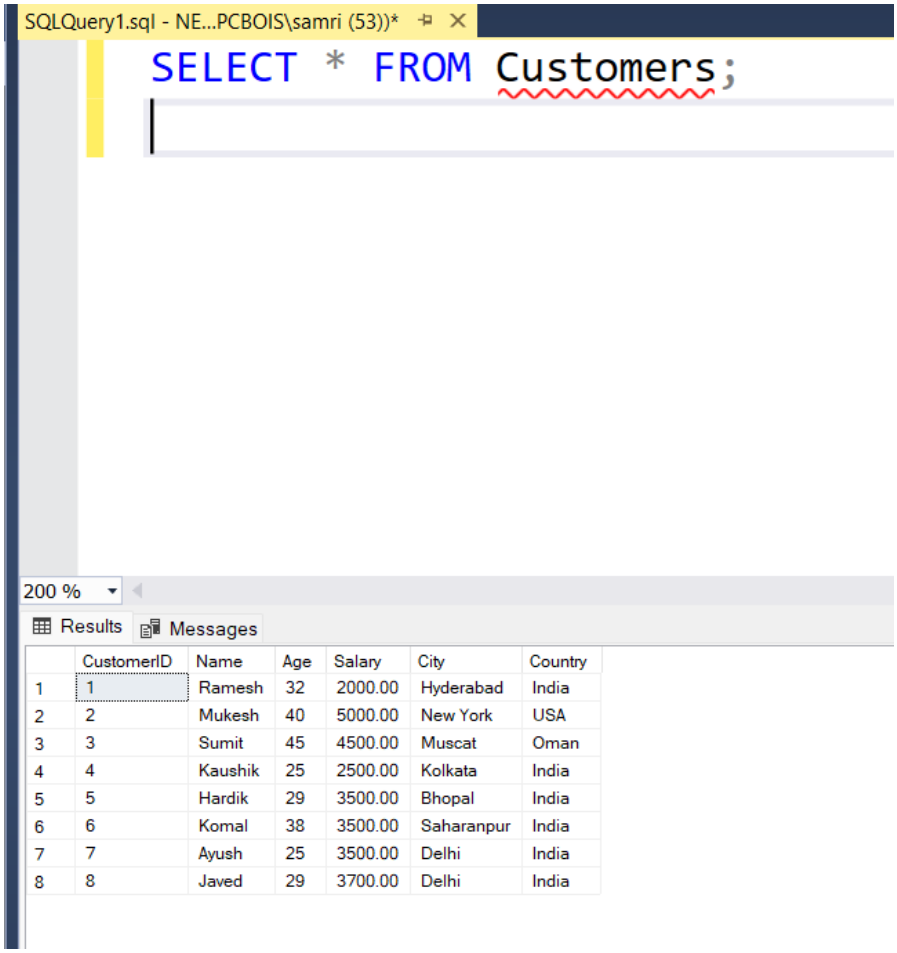
- **Basic SQL Queries:**
- **Create**



- **Insert Sample Data:**

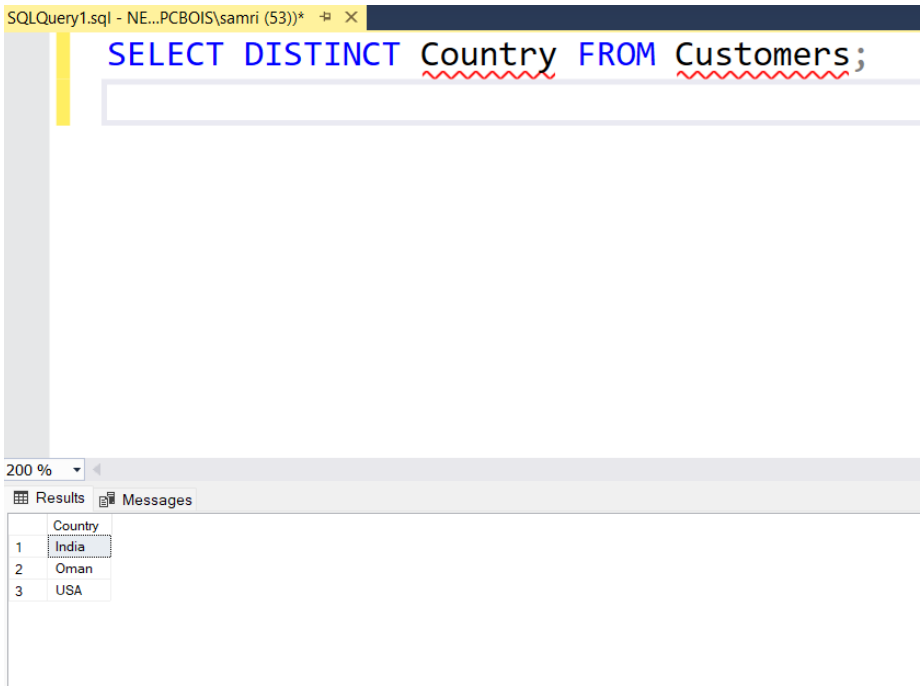


- **Select**:



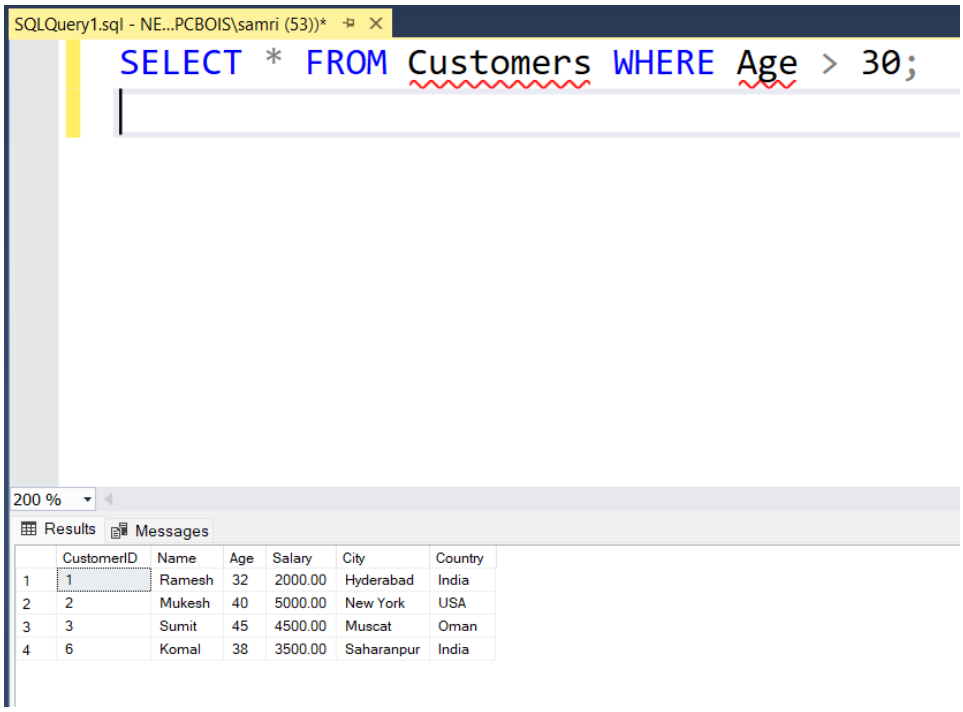
	CustomerID	Name	Age	Salary	City	Country
1	1	Ramesh	32	2000.00	Hyderabad	India
2	2	Mukesh	40	5000.00	New York	USA
3	3	Sumit	45	4500.00	Muscat	Oman
4	4	Kaushik	25	2500.00	Kolkata	India
5	5	Hardik	29	3500.00	Bhopal	India
6	6	Komal	38	3500.00	Saharanpur	India
7	7	Ayush	25	3500.00	Delhi	India
8	8	Javed	29	3700.00	Delhi	India

- **Distinct**



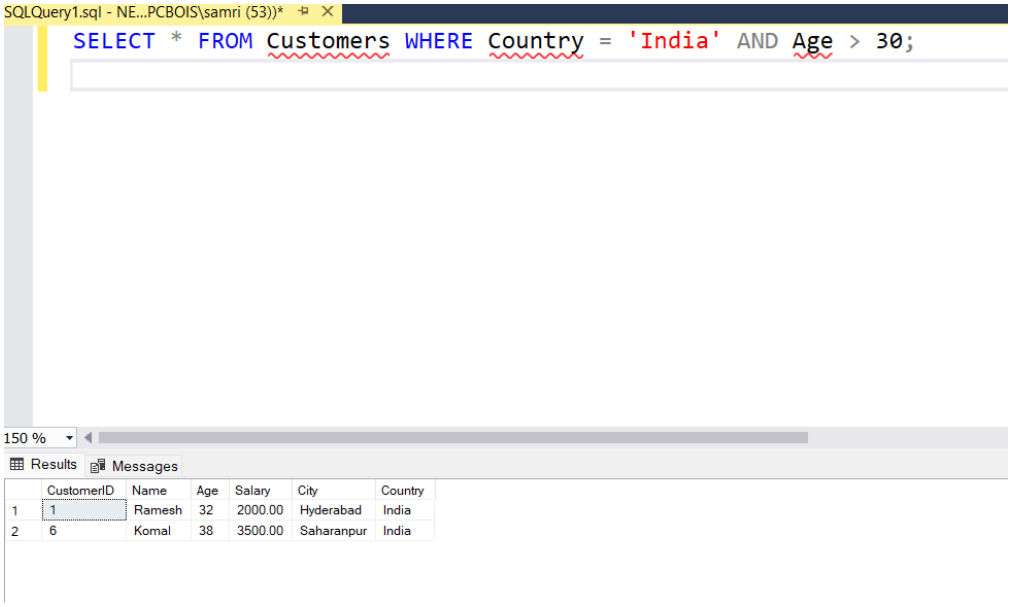
	Country
1	India
2	Oman
3	USA

- **Where**



	CustomerID	Name	Age	Salary	City	Country
1	1	Ramesh	32	2000.00	Hyderabad	India
2	2	Mukesh	40	5000.00	New York	USA
3	3	Sumit	45	4500.00	Muscat	Oman
4	6	Komal	38	3500.00	Saharanpur	India

- **And & Or**



	CustomerID	Name	Age	Salary	City	Country
1	1	Ramesh	32	2000.00	Hyderabad	India
2	6	Komal	38	3500.00	Saharanpur	India

- **Order By**

```
QLQuery1.sql - NE...PCBOIS\samri (53))*
SELECT * FROM Customers ORDER BY Age DESC;
```

50 %

Results | Messages

	CustomerID	Name	Age	Salary	City	Country
1	3	Sumit	45	4500.00	Muscat	Oman
2	2	Mukesh	40	5000.00	New York	USA
3	6	Komal	38	3500.00	Saharanpur	India
4	1	Ramesh	32	2000.00	Hyderabad	India
5	5	Hardik	29	3500.00	Bhopal	India
6	8	Javed	29	3700.00	Delhi	India
7	7	Ayush	25	3500.00	Delhi	India
8	4	Kaushik	25	2500.00	Kolkata	India

- **Insert Into:**

```
SQLQuery1.sql - NE...PCBOIS\samri (53))*
INSERT INTO Customers (CustomerID, Name, Age, Salary, City, Country)
VALUES (9, 'John', 28, 3000.00, 'London', 'UK');
```

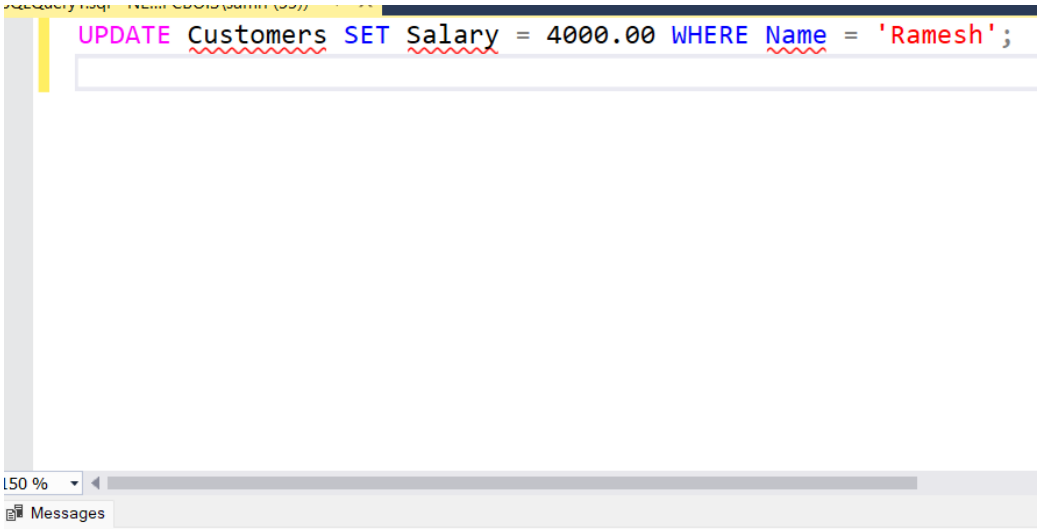
150 %

Messages

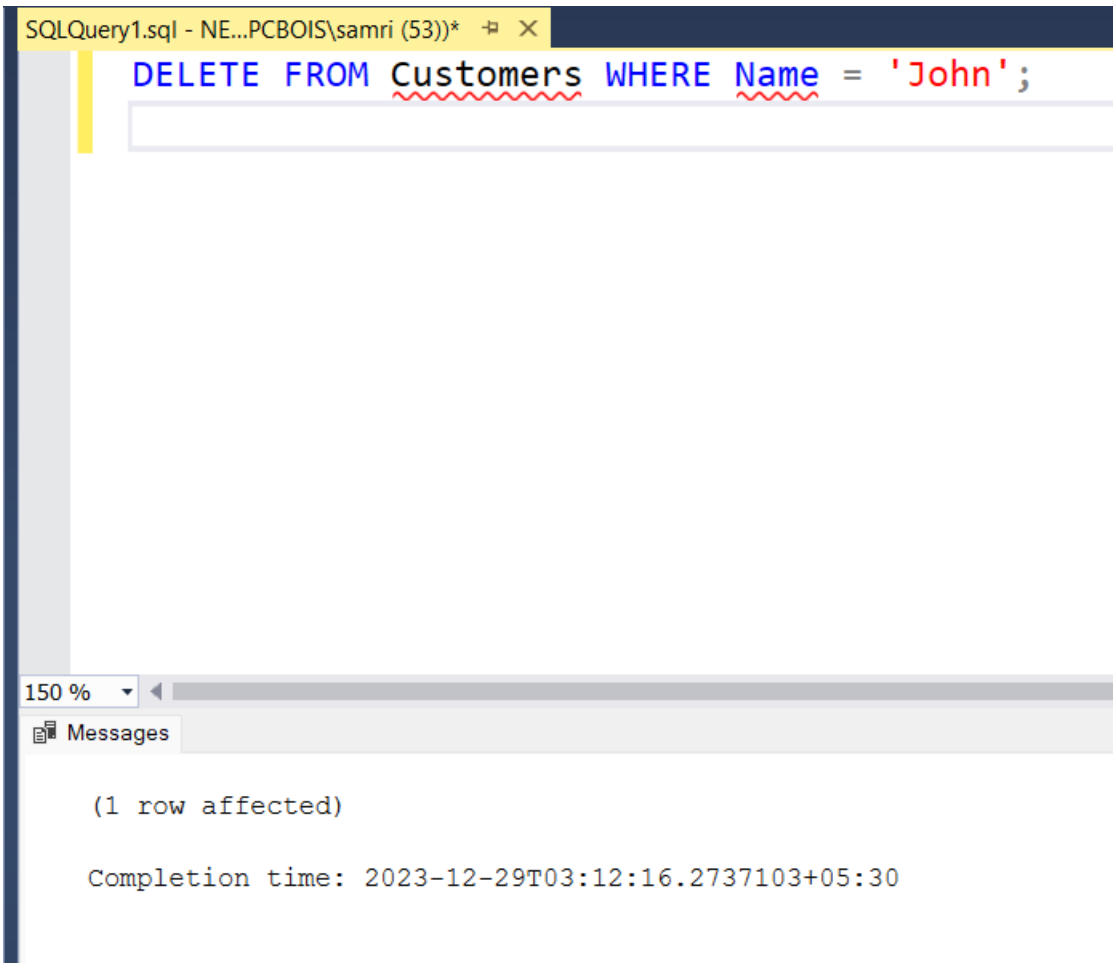
```
(1 row affected)

Completion time: 2023-12-29T03:11:20.3215343+05:30
```

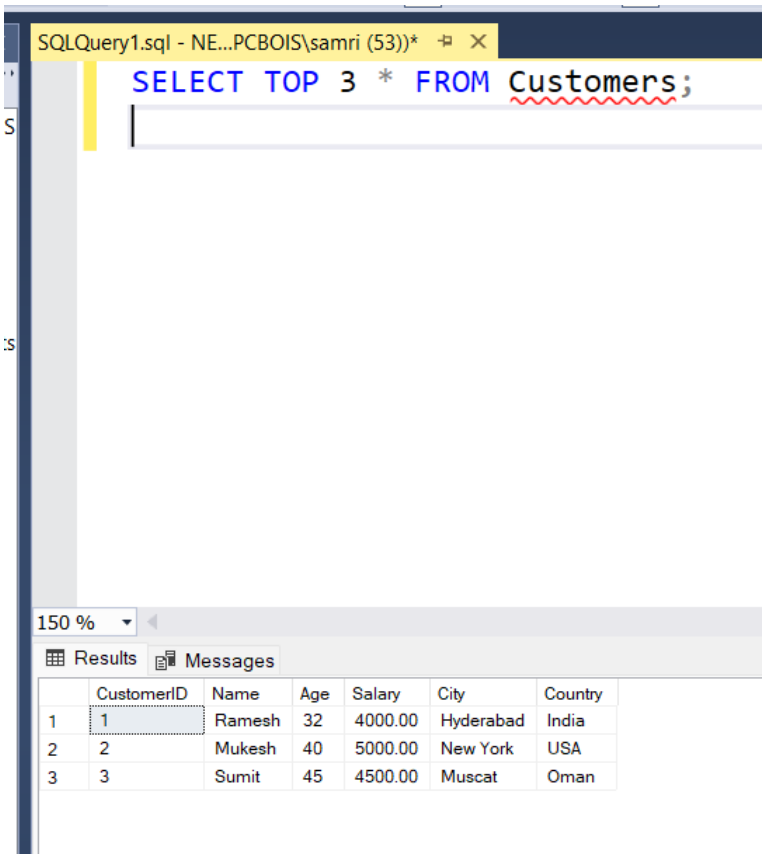
- **Update:**



- **Delete:**

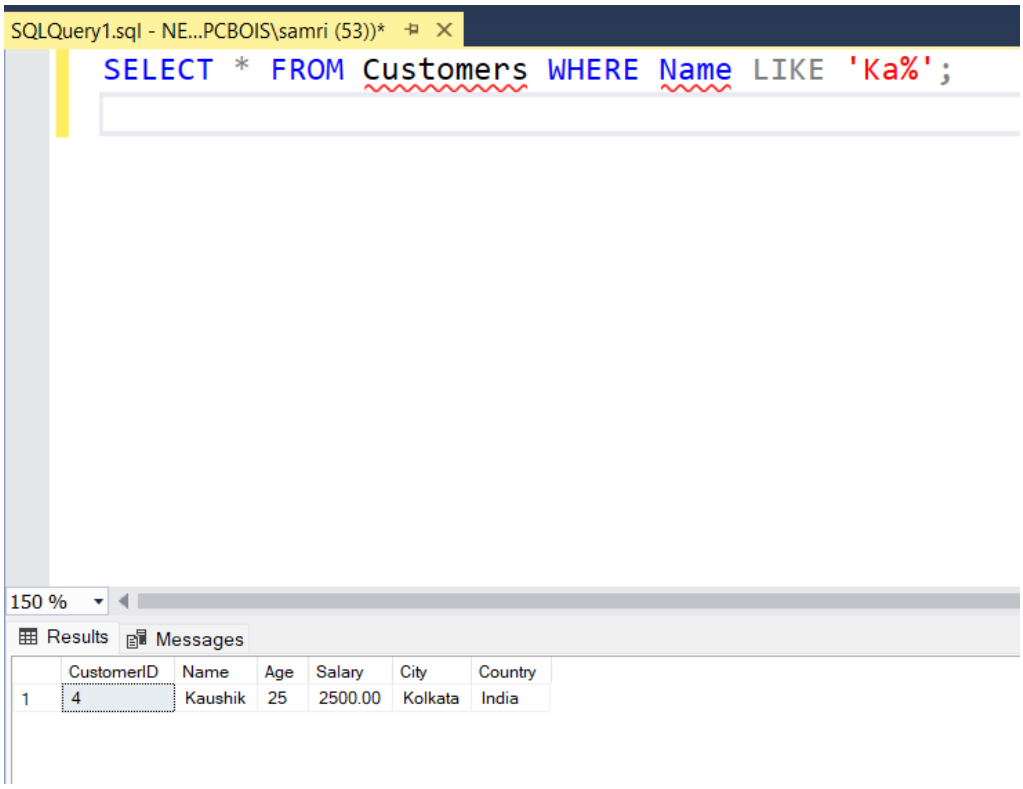


- Select Top:



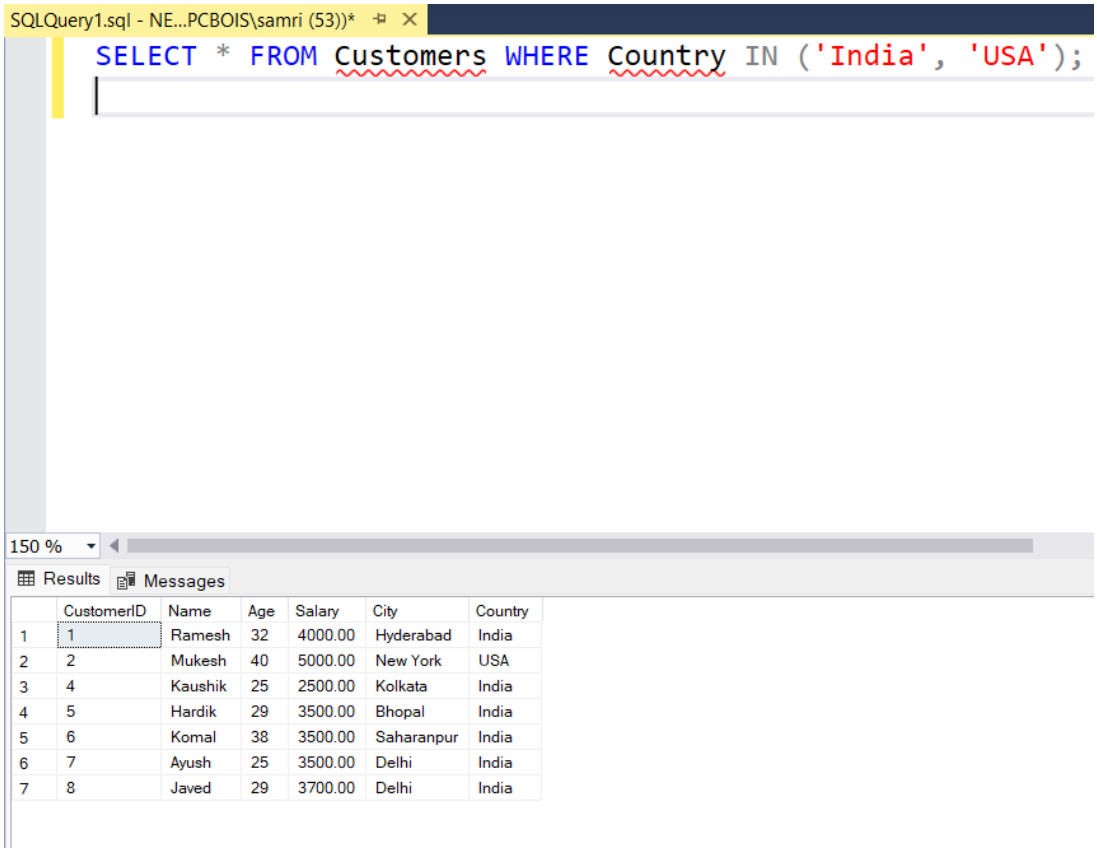
	CustomerID	Name	Age	Salary	City	Country
1	1	Ramesh	32	4000.00	Hyderabad	India
2	2	Mukesh	40	5000.00	New York	USA
3	3	Sumit	45	4500.00	Muscat	Oman

- Like, Wildcards:



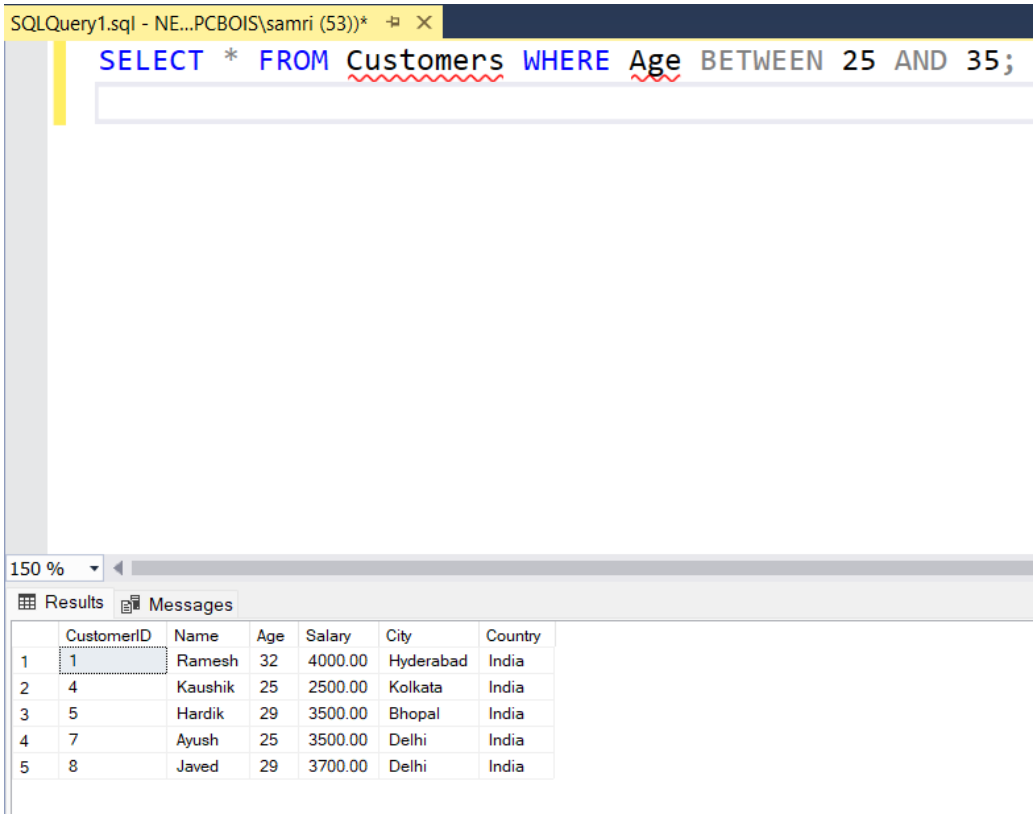
	CustomerID	Name	Age	Salary	City	Country
1	4	Kaushik	25	2500.00	Kolkata	India

- In



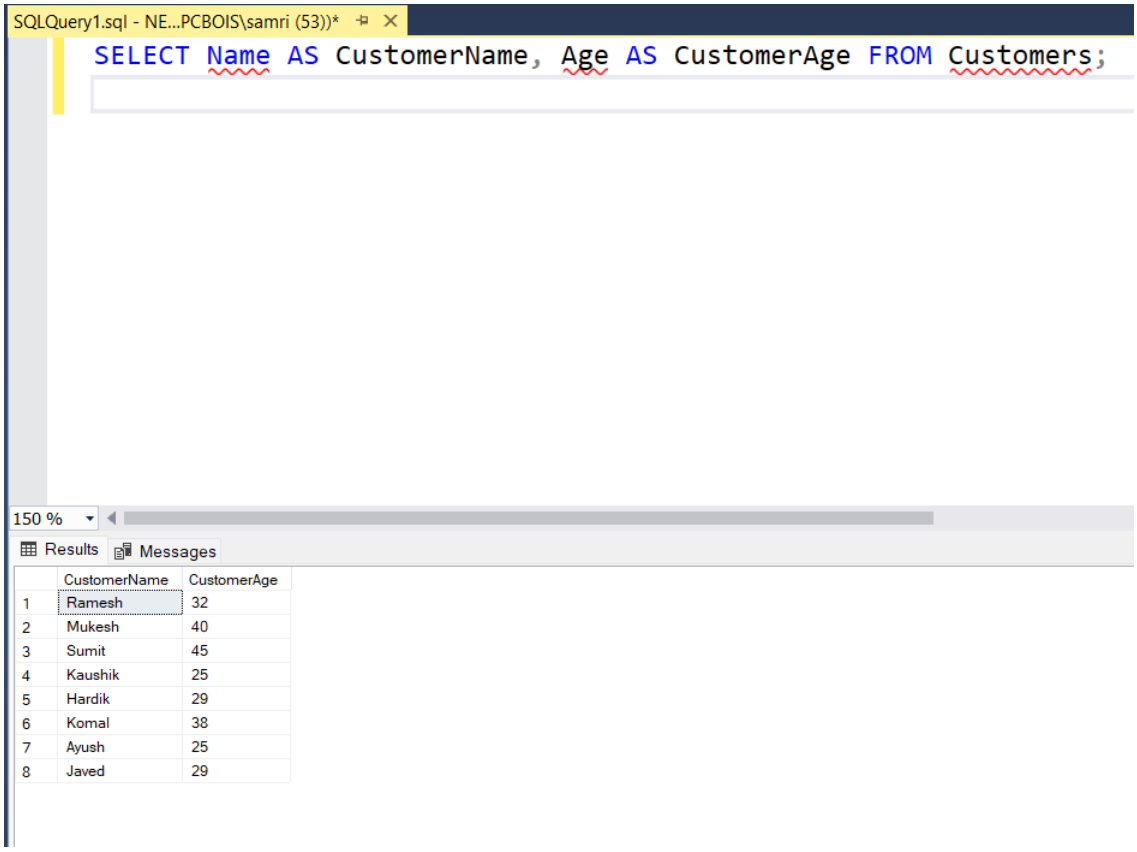
	CustomerID	Name	Age	Salary	City	Country
1	1	Ramesh	32	4000.00	Hyderabad	India
2	2	Mukesh	40	5000.00	New York	USA
3	4	Kaushik	25	2500.00	Kolkata	India
4	5	Hardik	29	3500.00	Bhopal	India
5	6	Komal	38	3500.00	Saharanpur	India
6	7	Ayush	25	3500.00	Delhi	India
7	8	Javed	29	3700.00	Delhi	India

- Between



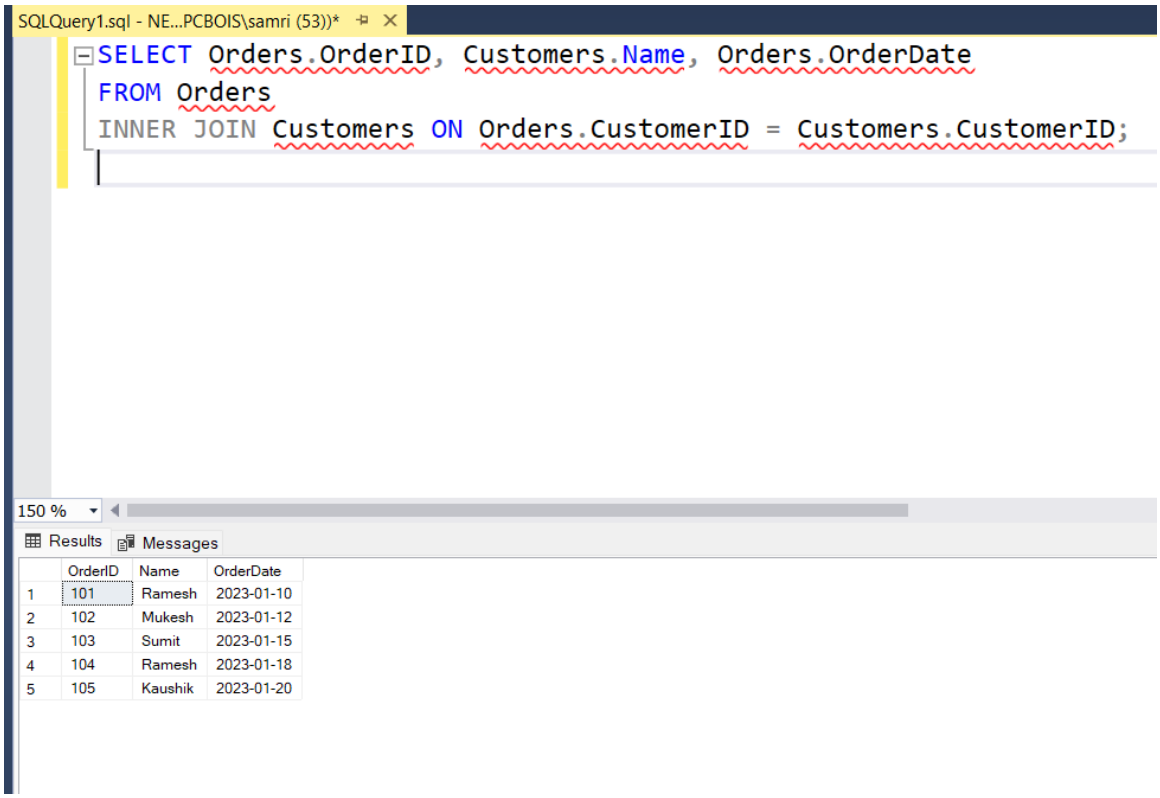
	CustomerID	Name	Age	Salary	City	Country
1	1	Ramesh	32	4000.00	Hyderabad	India
2	4	Kaushik	25	2500.00	Kolkata	India
3	5	Hardik	29	3500.00	Bhopal	India
4	7	Ayush	25	3500.00	Delhi	India
5	8	Javed	29	3700.00	Delhi	India

- Aliases:



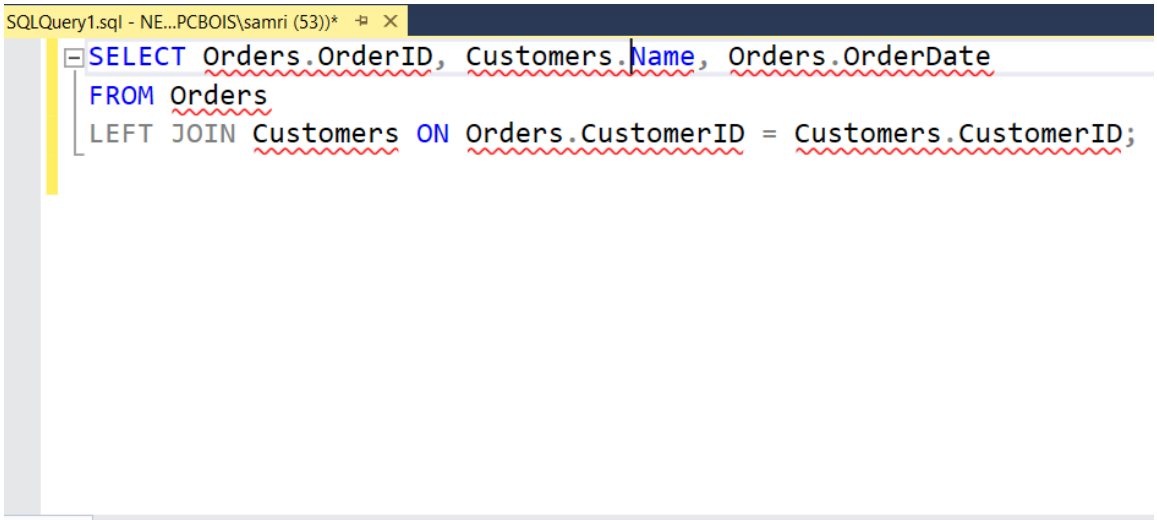
	CustomerName	CustomerAge
1	Ramesh	32
2	Mukesh	40
3	Sumit	45
4	Kaushik	25
5	Hardik	29
6	Komal	38
7	Ayush	25
8	Javed	29

- Joins:
- Inner Join



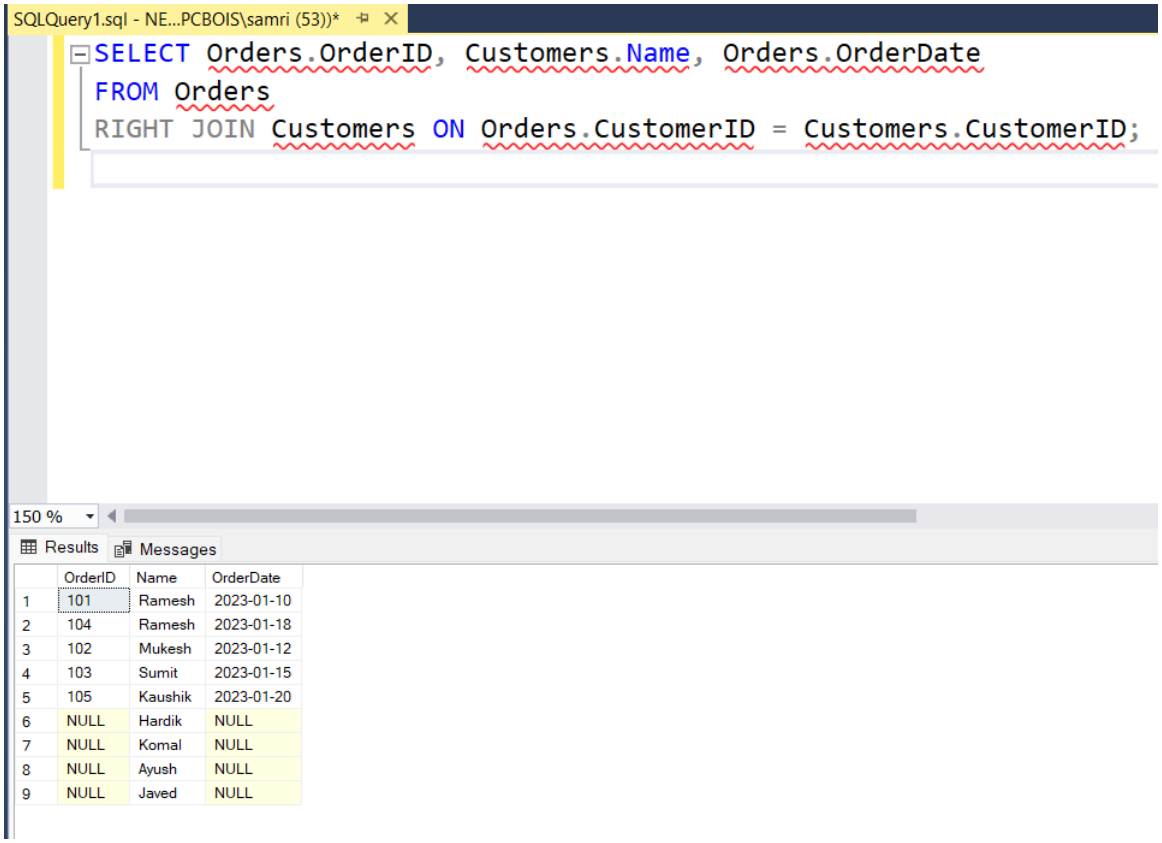
	OrderID	Name	OrderDate
1	101	Ramesh	2023-01-10
2	102	Mukesh	2023-01-12
3	103	Sumit	2023-01-15
4	104	Ramesh	2023-01-18
5	105	Kaushik	2023-01-20

- Left Join



	OrderID	Name	OrderDate
1	101	Ramesh	2023-01-10
2	102	Mukesh	2023-01-12
3	103	Sumit	2023-01-15
4	104	Ramesh	2023-01-18
5	105	Kaushik	2023-01-20

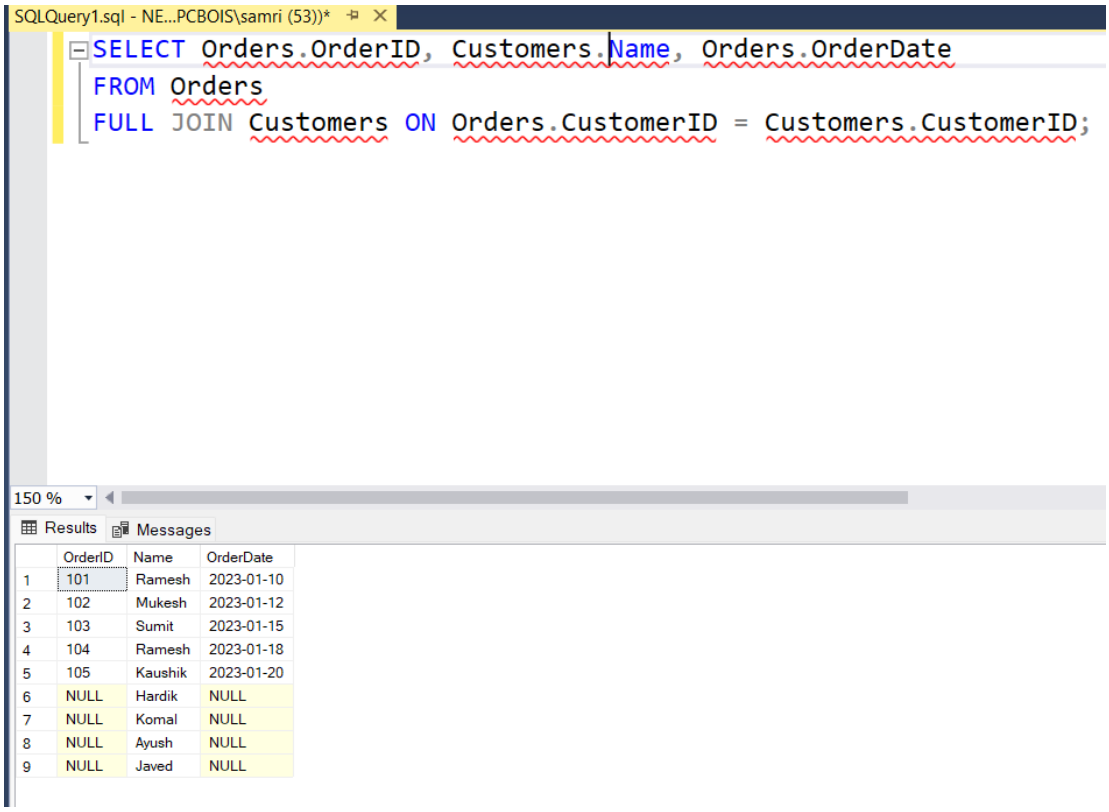
- Right Join



```
SELECT Orders.OrderID, Customers.Name, Orders.OrderDate
FROM Orders
RIGHT JOIN Customers ON Orders.CustomerID = Customers.CustomerID;
```

	OrderID	Name	OrderDate
1	101	Ramesh	2023-01-10
2	104	Ramesh	2023-01-18
3	102	Mukesh	2023-01-12
4	103	Sumit	2023-01-15
5	105	Kaushik	2023-01-20
6	NULL	Hardik	NULL
7	NULL	Komal	NULL
8	NULL	Ayush	NULL
9	NULL	Javed	NULL

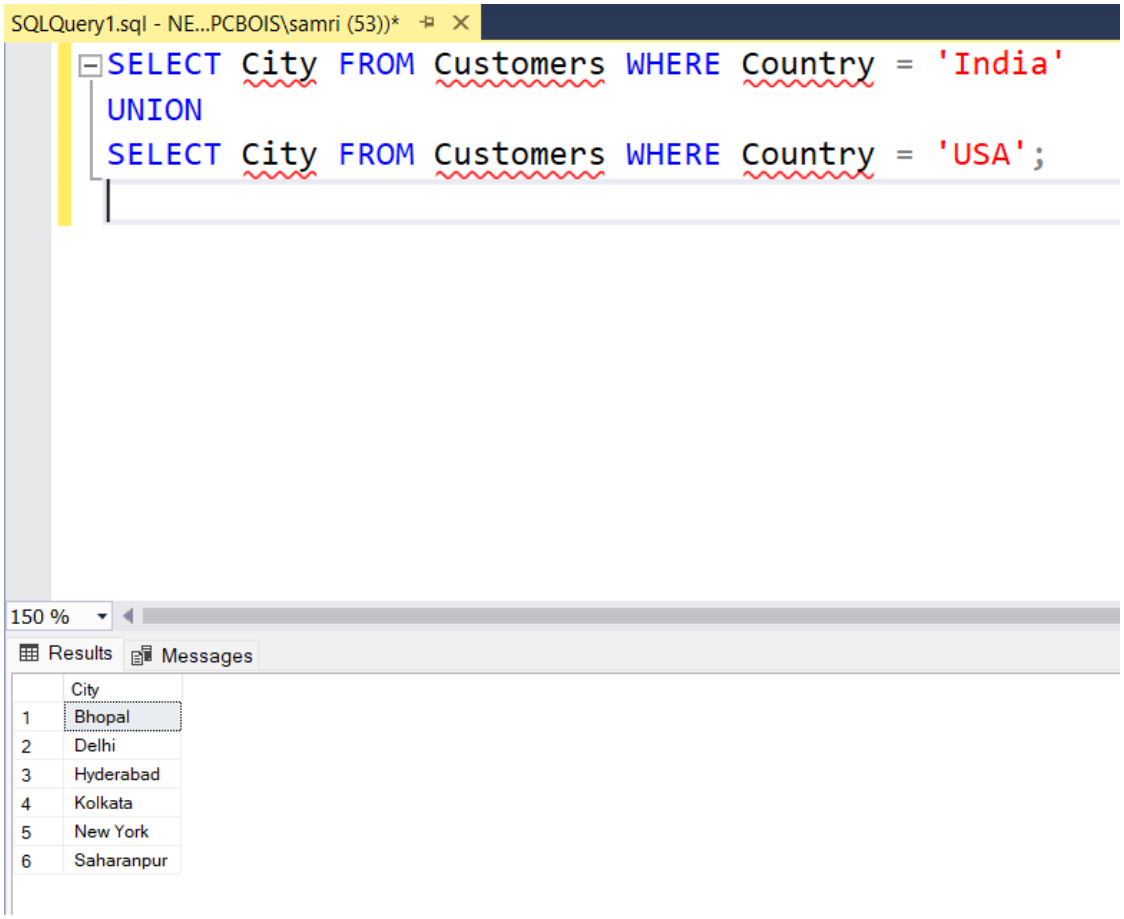
- Full Join



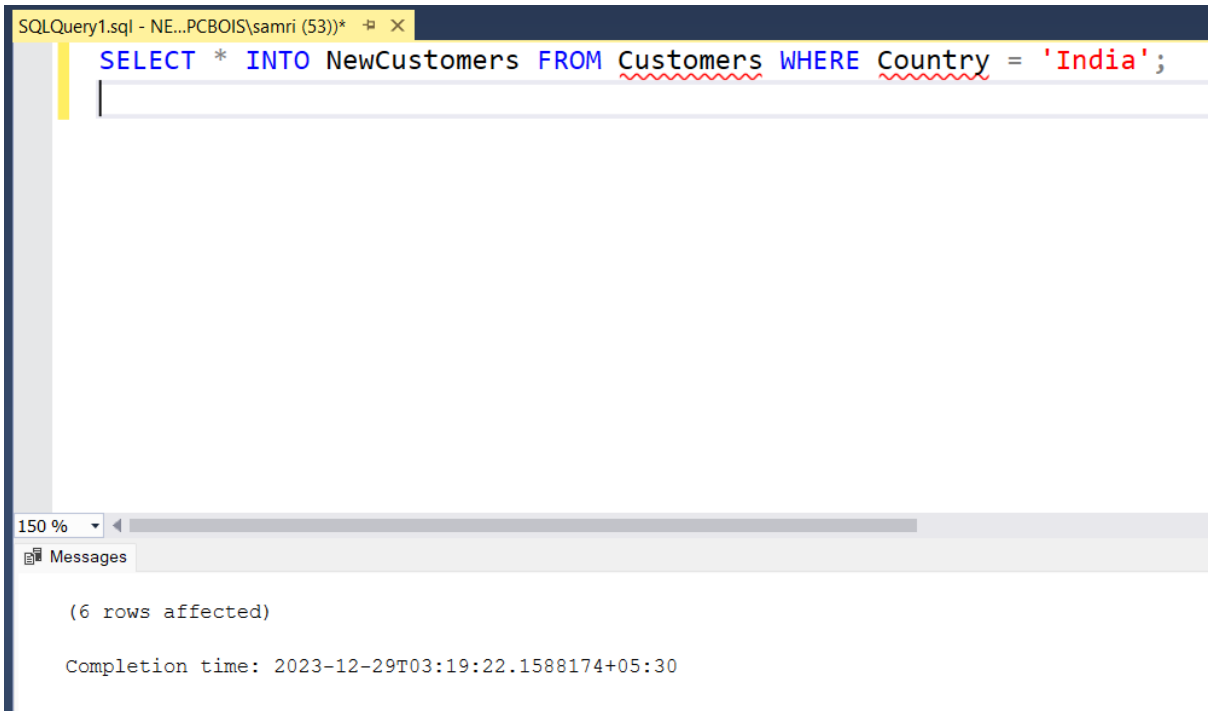
```
SELECT Orders.OrderID, Customers.Name, Orders.OrderDate
FROM Orders
FULL JOIN Customers ON Orders.CustomerID = Customers.CustomerID;
```

	OrderID	Name	OrderDate
1	101	Ramesh	2023-01-10
2	102	Mukesh	2023-01-12
3	103	Sumit	2023-01-15
4	104	Ramesh	2023-01-18
5	105	Kaushik	2023-01-20
6	NULL	Hardik	NULL
7	NULL	Komal	NULL
8	NULL	Ayush	NULL
9	NULL	Javed	NULL

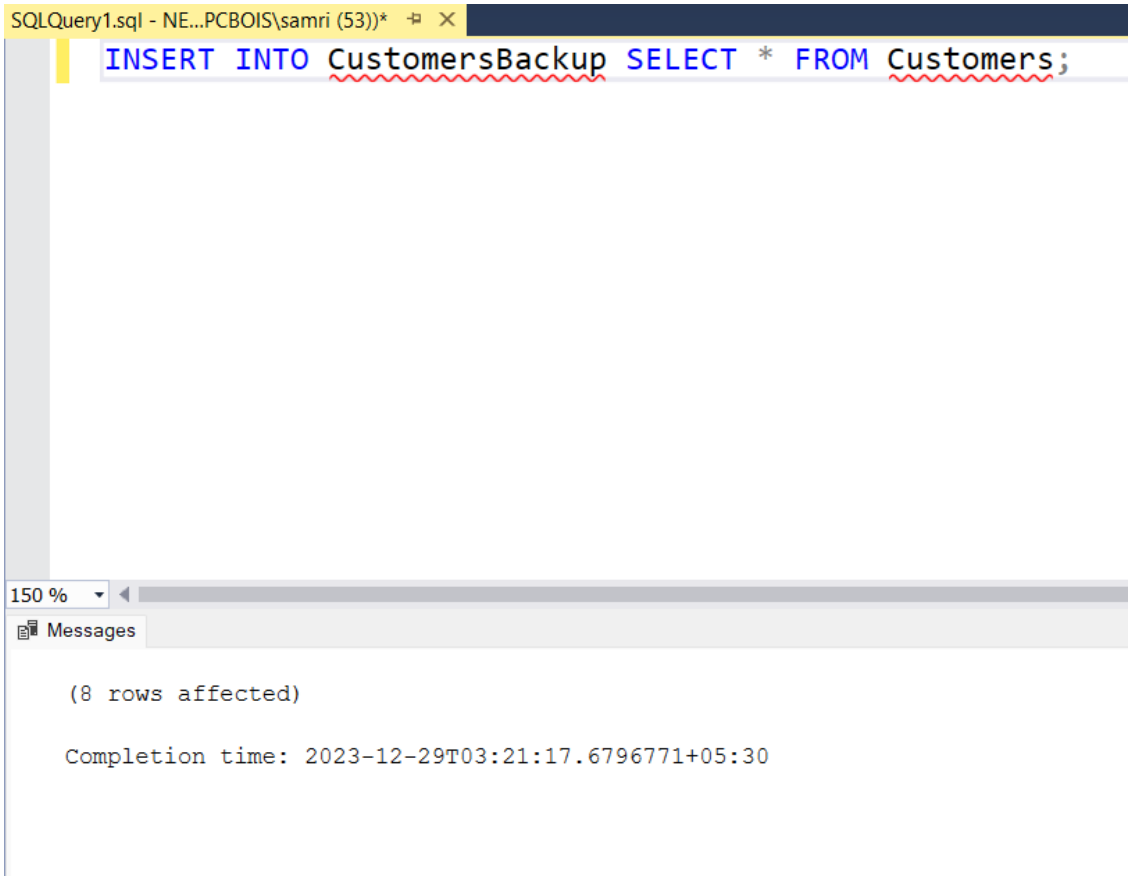
- Union:



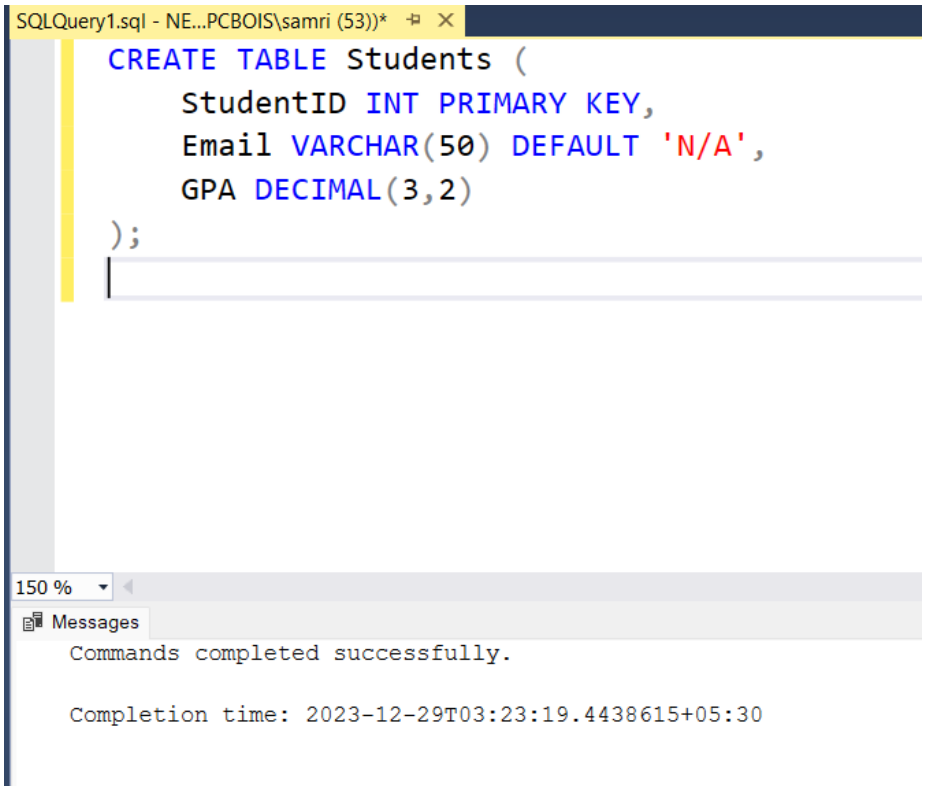
- Select Into:



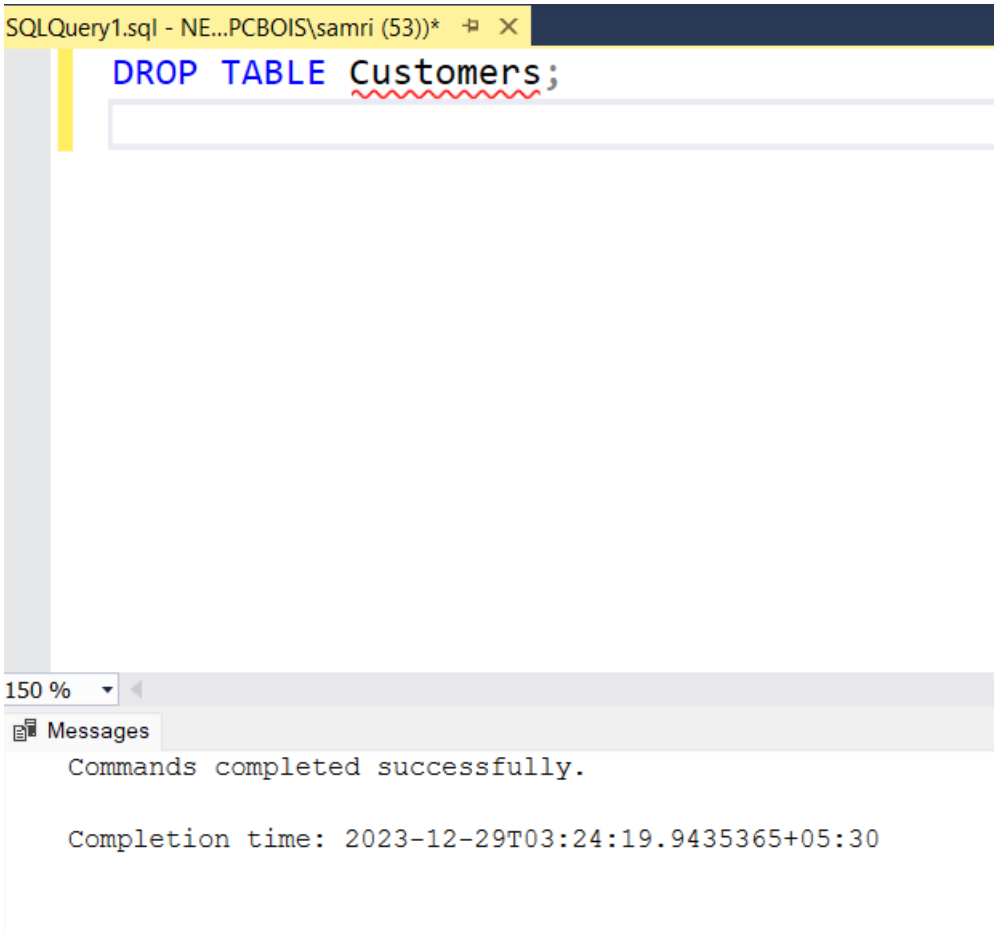
- Insert Into Select:



- Default



- Drop:


SQLQuery1.sql - NE...PCBOIS\samri (53))*
DROP TABLE Customers;
150 %
Messages
Commands completed successfully.
Completion time: 2023-12-29T03:24:19.9435365+05:30