

# SQL Server BETWEEN Condition (Operator)

[javatpoint.com/sql-server-between-operator](http://javatpoint.com/sql-server-between-operator)

The SQL Server BETWEEN operator is used to retrieve values within a specified range in a SELECT, INSERT, UPDATE, or DELETE statement.

## Syntax:

1. expression BETWEEN value1 AND value2;

## Parameter Explanation

**expression:** It specifies a column or a calculation.

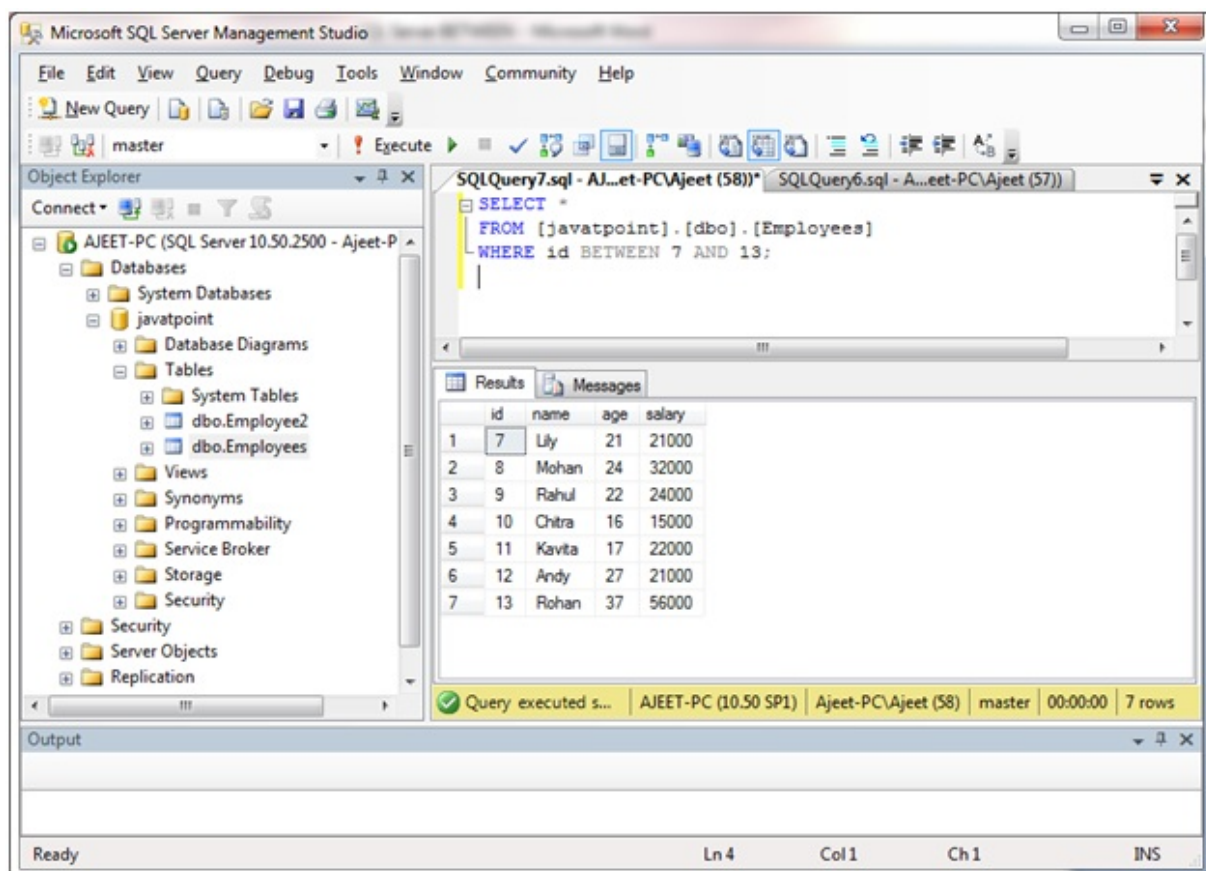
**value1 and value2:** These values specify inclusive range that is used by expression for comparison.

## BETWEEN operator with Numeric Value

Retrieve all employees from table "Employees" where id is between 7 and 13.

1. SELECT \*
2. FROM [javatpoint].[dbo].[Employees]
3. WHERE id BETWEEN 7 AND 13;

Output:



The screenshot shows the Microsoft SQL Server Management Studio interface. The 'Object Explorer' on the left displays the database structure for 'AJEET-PC (SQL Server 10.50.2500 - Ajeet-P)'. The 'Query Editor' on the right contains the following SQL query:

```
SELECT *
FROM [javatpoint].[dbo].[Employees]
WHERE id BETWEEN 7 AND 13;
```

The 'Results' tab shows the output of the query, which is a table with 7 rows and 4 columns: id, name, age, and salary. The data is as follows:

	id	name	age	salary
1	7	Lily	21	21000
2	8	Mohan	24	32000
3	9	Rahul	22	24000
4	10	Chitra	16	15000
5	11	Kavita	17	22000
6	12	Andy	27	21000
7	13	Rohan	37	56000

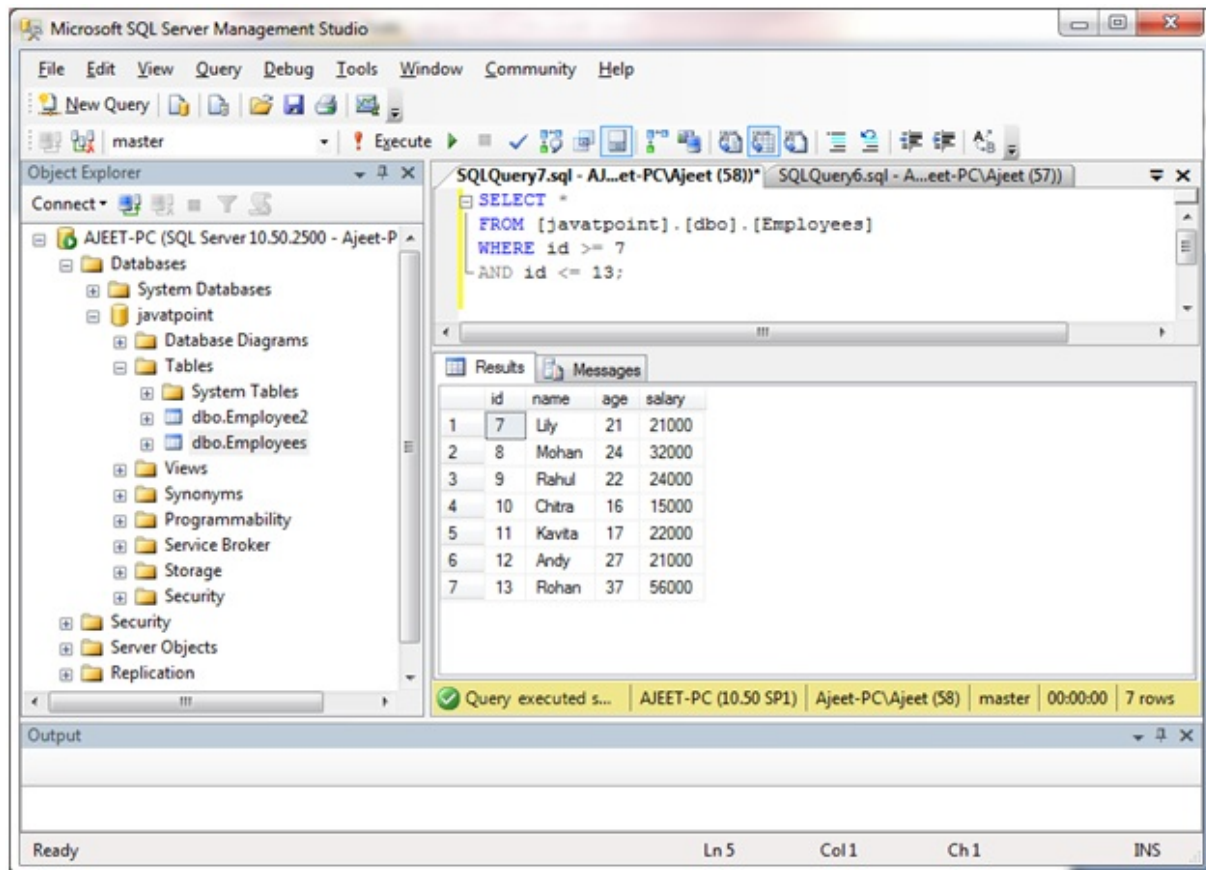
The status bar at the bottom indicates 'Query executed successfully' and '7 rows'.

Or

1. SELECT \*
2. FROM [javatpoint].[dbo].[Employees]
3. WHERE id >= 7

4. AND id <= 13;

Output:

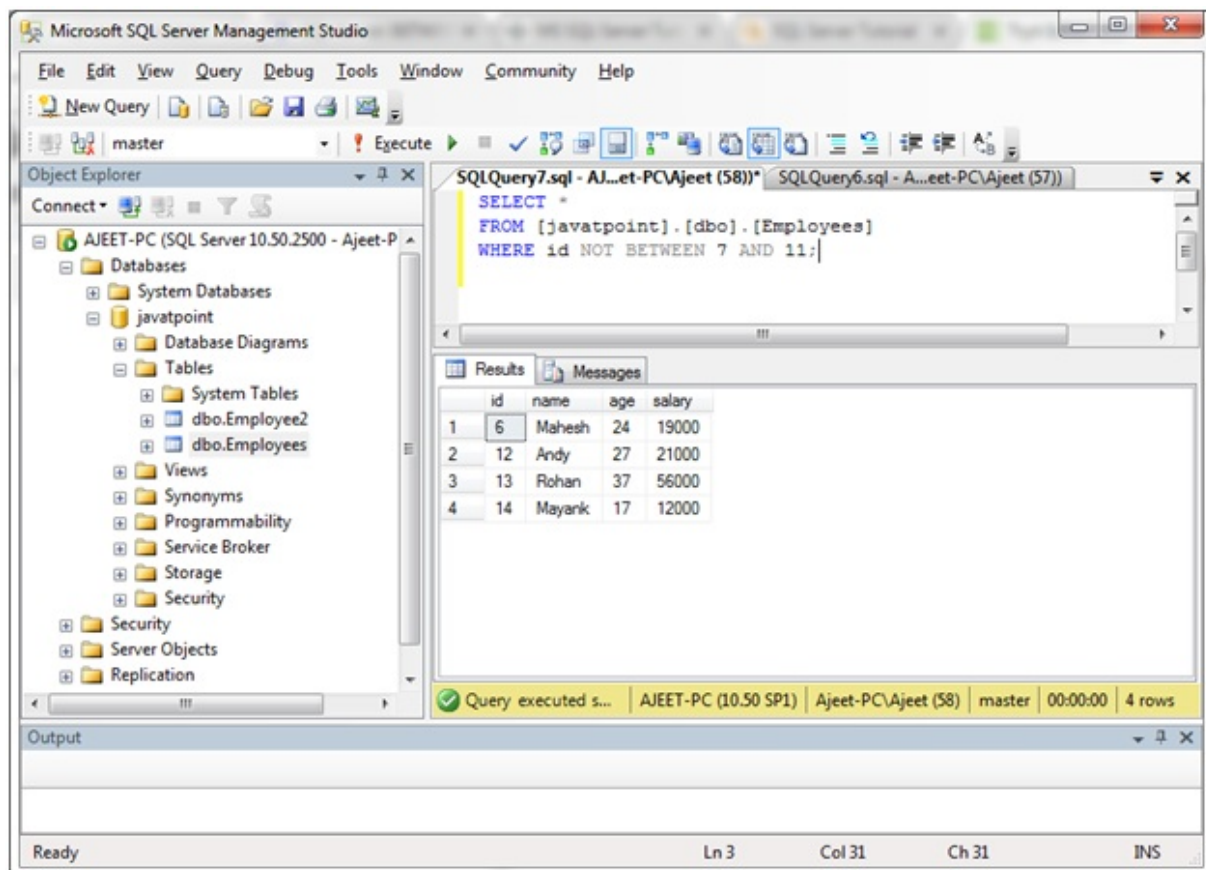


## BETWEEN operator with NOT Operator

Retrieve all employees from table "Employees", where it satisfies the following BETWEEN NOT condition.

1. SELECT \*
2. FROM [javatpoint].[dbo].[Employees]
3. WHERE id NOT BETWEEN 7 AND 11;

Output:



Or

1. SELECT \*
2. FROM [javatpoint].[dbo].[Employees]
3. WHERE id < 7
4. OR id > 11;

Output:

