

SQL Server EXISTS Conditions

 javatpoint.com/sql-server-exit-operator

In SQL Server, EXIST condition is used in combination with a subquery. It returns at least one row after met the conditions. It can be used in a SELECT, INSERT, UPDATE, or DELETE statement.

Syntax:

1. WHERE EXISTS (subquery);

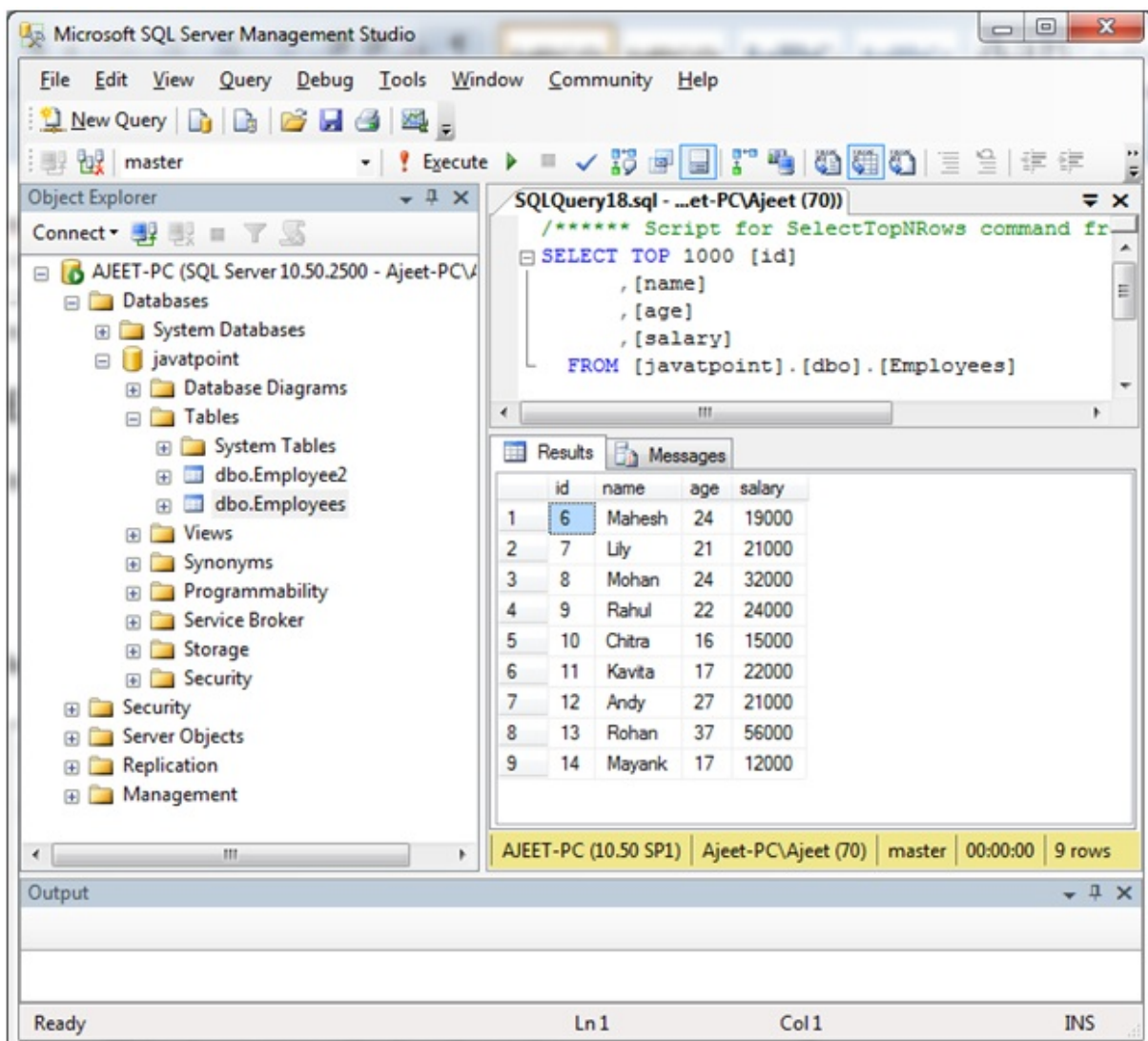
Parameter explanation

subquery: The subquery is a SELECT statement. If the subquery returns at least one record in its result set, the EXISTS clause will evaluate to TRUE and the EXISTS condition will be met. If the subquery does not return any records, the EXISTS clause will evaluate to FALSE and the EXISTS condition will not be met.

EXISTS condition with SELECT statement

We have two tables: "Employees" and "Employee2", having the following data:

Employees:



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-PC)'. The query window on the right shows the following SQL query:

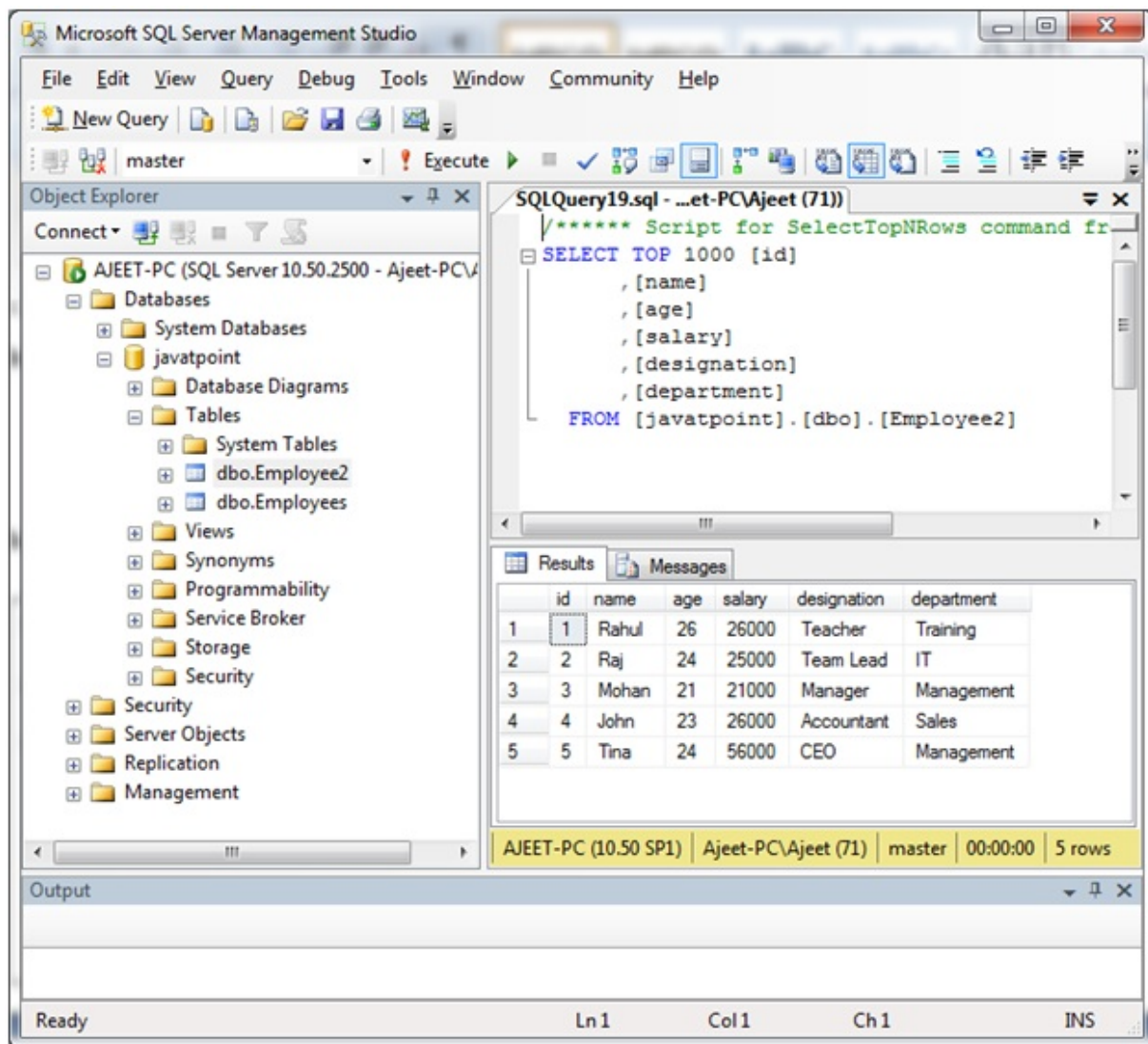
```
SELECT TOP 1000 [id]
      , [name]
      , [age]
      , [salary]
FROM [javatpoint].[dbo].[Employees]
```

The Results tab shows the following data:

	id	name	age	salary
1	6	Maresh	24	19000
2	7	Lily	21	21000
3	8	Mohan	24	32000
4	9	Rahul	22	24000
5	10	Chitra	16	15000
6	11	Kavita	17	22000
7	12	Andy	27	21000
8	13	Rohan	37	56000
9	14	Mayank	17	12000

The status bar at the bottom indicates 'Ready', 'Ln 1', 'Col 1', and 'INS'.

Employee2:

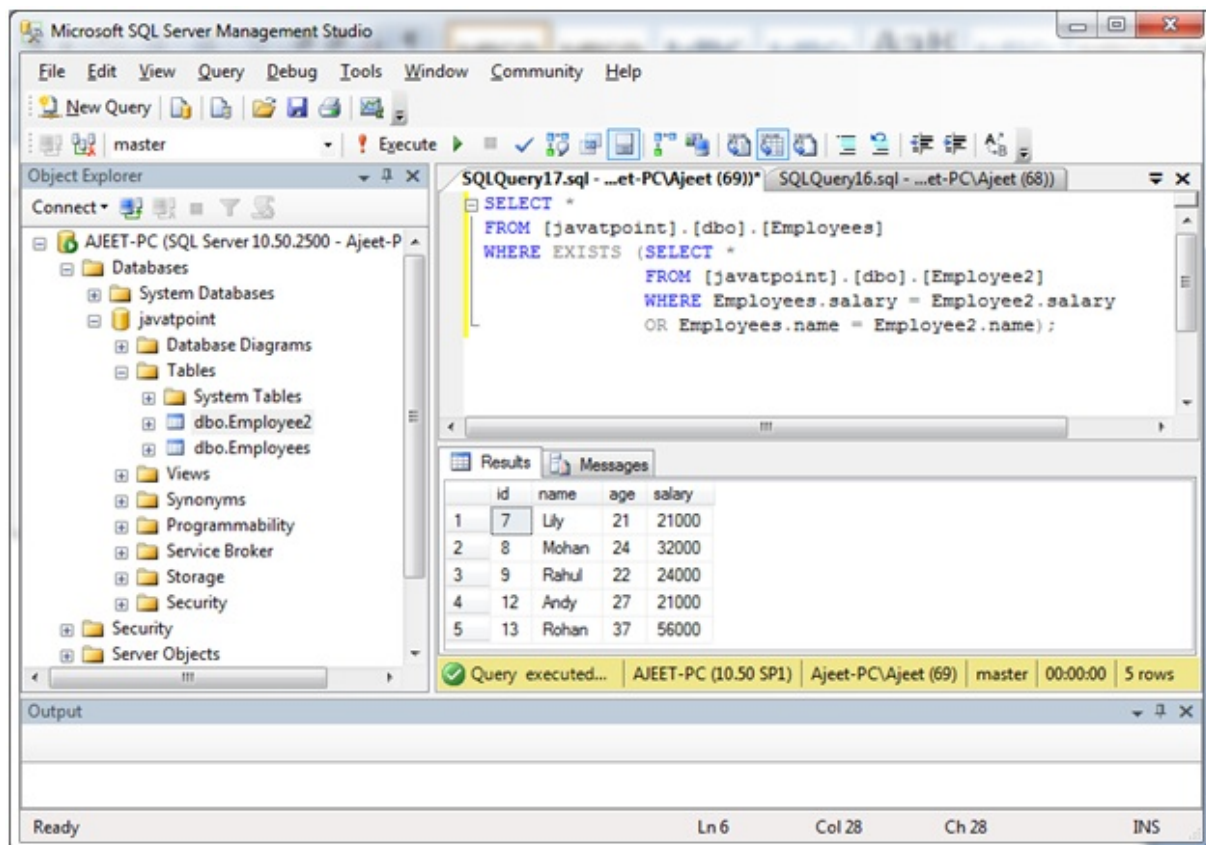


Example:

Use the EXISTS condition on both tables with OR condition:

1. SELECT *
2. FROM [javatpoint].[dbo].[Employees]
3. WHERE EXISTS (SELECT *
4. FROM [javatpoint].[dbo].[Employee2]
5. WHERE Employees.salary = Employee2.salary
6. OR Employees.name = Employee2.name);

Output:

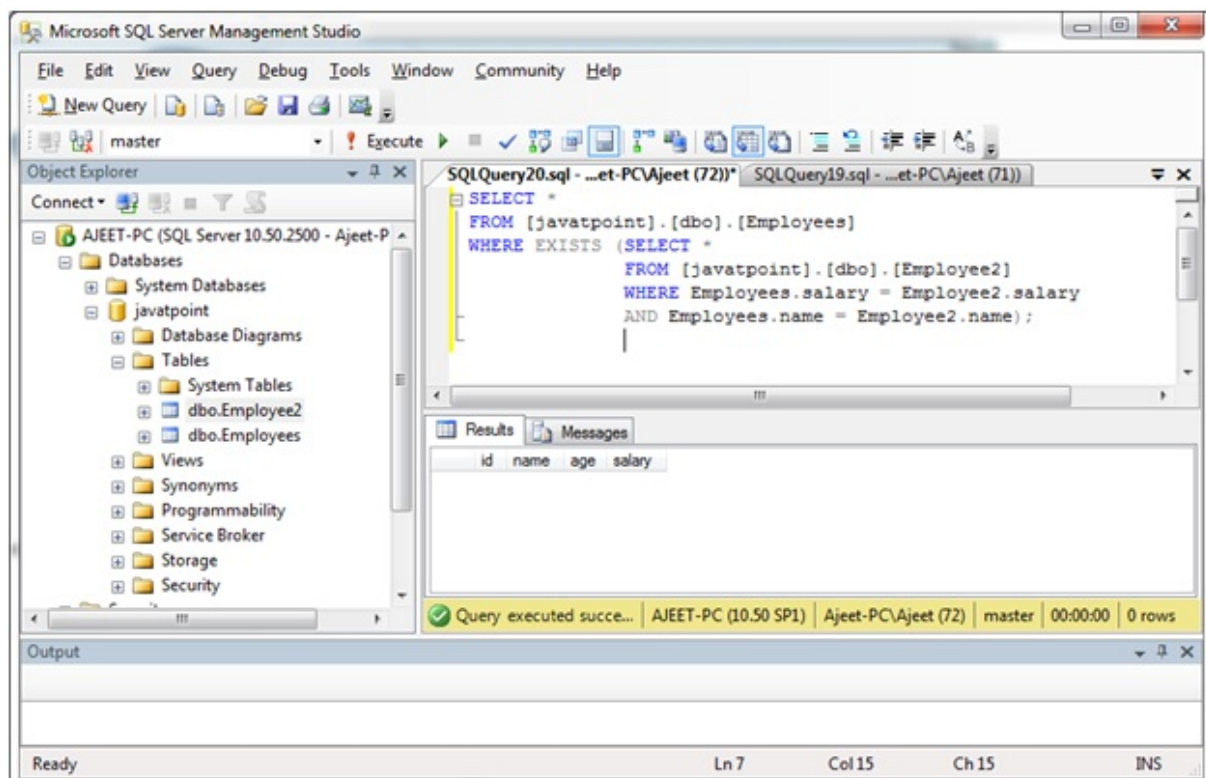


Example2:

Use the EXISTS condition on both tables with AND condition:

1. SELECT *
2. FROM [javatpoint].[dbo].[Employees]
3. WHERE EXISTS (SELECT *
4. FROM [javatpoint].[dbo].[Employee2]
5. WHERE Employees.salary = Employee2.salary
6. AND Employees.name = Employee2.name);

Output:



There is nothing common in both table on given parameters.