

# SQL Server Tutorial

## Part 87 - SQL Server Except Operator

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# In this session we will learn

- SQL Server except operator

**Link to Dot Net Basics, ASP.NET, C#, ADO.NET and SQL Server video series**

<http://www.youtube.com/user/kudvenkat/playlists>

## **Suggested Videos**

**Part 84 - Handling deadlocks in ado.net**

**Part 85 - Retry logic for deadlock exceptions**

**Part 86 - How to find blocking queries in sql server**

# SQL Server Except Operator

If you are in need of the DVD with all the videos and PPT's, please visit  
<http://pragimtech.com/order.aspx>

**EXCEPT** operator returns unique rows from the left query that aren't in the right query's results

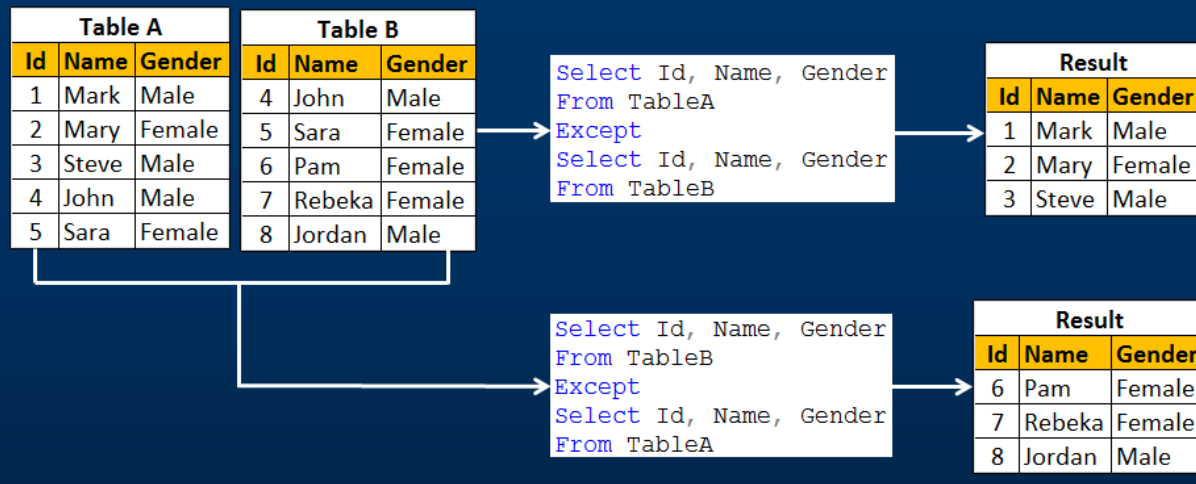
- Introduced in SQL Server 2005
- The number and the order of the columns must be the same in both the queries
- The data types must be same or compatible
- This is similar to minus operator in oracle



Table A		
Id	Name	Gender
1	Mark	Male
2	Mary	Female
3	Steve	Male
4	John	Male
5	Sara	Female

Table B		
Id	Name	Gender
4	John	Male
5	Sara	Female
6	Pam	Female
7	Rebeka	Female
8	Jordan	Male

# SQL Server Except Operator



# SQL Server Except Operator

You can also use Except operator on a single table

tblEmployees			
Id	Name	Gender	Salary
1	Mark	Male	52000
2	Mary	Female	55000
3	Steve	Male	45000
4	John	Male	40000
5	Sara	Female	48000
6	Pam	Female	60000
7	Tom	Male	58000
8	George	Male	65000
9	Tina	Female	67000
10	Ben	Male	80000

```
Select Id, Name, Gender, Salary
From tblEmployees
Where Salary >= 50000
Except
Select Id, Name, Gender, Salary
From tblEmployees
Where Salary >= 60000
```

Result			
Id	Name	Gender	Salary
1	Mark	Male	52000
2	Mary	Female	55000
7	Tom	Male	58000

Order By clause should be used only once after the right query

```
Select Id, Name, Gender, Salary
From tblEmployees
Where Salary >= 50000
Except
Select Id, Name, Gender, Salary
From tblEmployees
Where Salary >= 60000
Order By Id Desc
```

Result			
Id	Name	Gender	Salary
7	Tom	Male	58000
2	Mary	Female	55000
1	Mark	Male	52000

# Additional Resources

## PRAGIM Home Page:

[www.PragimTech.com](http://www.PragimTech.com)

## Resources:

C#, ADO.NET, ASP.NET, SQL Server & MVC youtube Playlists

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