

## Part 15 – Different ways to replace NULL in SQL Server

Venkat

PRAGIM Technologies

[kudvenkat@gmail.com](mailto:kudvenkat@gmail.com)

<http://csharp-video-tutorials.blogspot.com>

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# In this session we will learn

- Different ways to replace NULL values
  - ISNULL() function
  - CASE statement
  - COALESCE() function

## **Pre-requisite:**

Part 14 – Self Join in SQL Server

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# Replacing NULL Values

Three ways to replace NULL values - ISNULL() Function, CASE Statement & COALESCE() Function

EmployeeID	Name	ManagerID
1	Mike	3
2	Rob	1
3	Todd	NULL
4	Ben	1
5	Sam	1

Employee	Manager
Mike	Todd
Rob	Mike
Todd	NULL
Ben	Mike
Sam	Mike

Employee	Manager
Mike	Todd
Rob	Mike
Todd	No Manager
Ben	Mike
Sam	Mike

```
SELECT E.Name as Employee, ISNULL(M.Name, 'No Manager') as Manager
FROM tblEmployee E
LEFT JOIN tblEmployee M
ON E.ManagerID = M.EmployeeID
```

```
SELECT E.Name as Employee,
CASE
    WHEN M.Name IS NULL THEN 'No Manager' ELSE M.Name
END
as Manager
FROM tblEmployee E
LEFT JOIN tblEmployee M
ON E.ManagerID = M.EmployeeID
```

```
SELECT E.Name as Employee, COALESCE(M.Name, 'No Manager') as Manager
FROM tblEmployee E
LEFT JOIN tblEmployee M
ON E.ManagerID = M.EmployeeID
```

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# Additional Resources

- PRAGIM Home Page:

- <http://www.PragimTech.com>

- Resources:

- ASP.NET Interview Questions
  - <http://www.VenkatASPInterview.Blogspot.com>
  - C# Interview Questions
  - <http://www.VenkatCSharpInterview.Blogspot.com>

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