

# SQL Server Tutorial

## Part 121 - Choose function in SQL Server

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# In this session we will learn

- Choose function in SQL Server

**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 118 - LAST\_VALUE function in SQL Server**

**Part 119 - UNPIVOT in SQL Server**

**Part 120 - Reverse PIVOT table in SQL Server**

# Choose function in SQL Server

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

## Choose function

- Introduced in SQL Server 2012
- Returns the item at the specified index from the list of available values
- The index position starts at 1 and NOT 0 (ZERO)

**Syntax:** `CHOOSE ( index, val_1, val_2, ... )`

**Example :** Returns the item at index position 2

```
SELECT CHOOSE(2, 'India', 'US', 'UK') AS Country
```



Country
US

# Choose function in SQL Server

## Example : Using CASE statement

```
SELECT Name, DateOfBirth,  
       CASE DATEPART(MM, DateOfBirth)  
         WHEN 1 THEN 'JAN'  
         WHEN 2 THEN 'FEB'  
         WHEN 3 THEN 'MAR'  
         WHEN 4 THEN 'APR'  
         WHEN 5 THEN 'MAY'  
         WHEN 6 THEN 'JUN'  
         WHEN 7 THEN 'JUL'  
         WHEN 8 THEN 'AUG'  
         WHEN 9 THEN 'SEP'  
         WHEN 10 THEN 'OCT'  
         WHEN 11 THEN 'NOV'  
         WHEN 12 THEN 'DEC'  
       END  
       AS [MONTH]  
FROM Employees
```

Id	Name	DateOfBirth	Name	DateOfBirth	MONTH
1	Mark	1980-01-11	Mark	1980-01-11	JAN
2	John	1981-12-12	John	1981-12-12	DEC
3	Amy	1979-11-21	Amy	1979-11-21	NOV
4	Ben	1978-05-14	Ben	1978-05-14	MAY
5	Sara	1970-03-17	Sara	1970-03-17	MAR
6	David	1978-04-05	David	1978-04-05	APR

# Choose function in SQL Server

Example : Using **CHOOSE** function

```
SELECT Name, DateOfBirth, CHOOSE(DATEPART(MM, DateOfBirth),  
    'JAN', 'FEB', 'MAR', 'APR', 'MAY', 'JUN', 'JUL', 'AUG',  
    'SEP', 'OCT', 'NOV', 'DEC') AS [MONTH]  
FROM Employees
```

Id	Name	DateOfBirth
1	Mark	1980-01-11
2	John	1981-12-12
3	Amy	1979-11-21
4	Ben	1978-05-14
5	Sara	1970-03-17
6	David	1978-04-05

Name	DateOfBirth	MONTH
Mark	1980-01-11	JAN
John	1981-12-12	DEC
Amy	1979-11-21	NOV
Ben	1978-05-14	MAY
Sara	1970-03-17	MAR
David	1978-04-05	APR

# Additional Resources

## PRAGIM Home Page:

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

## Resources:

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

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

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