

## Part 7 – Identity Column

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# In this session we will learn

- What is Identity column
- Creating an Identity column
- Supply explicit values for identity columns using IDENTITY\_INSERT
- Reset identity value using DBCC CHECKIDENT command

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# Check Constraint

If a column is marked as an identity column, then the values for this column are automatically generated, when you insert a new row into the table.

Create Table **tblPerson**

```
(  
  PersonId int Identity(1,1) Primary Key,  
  Name nvarchar(20)  
)
```

Note: Seed and Increment values are optional. If you don't specify the identity and seed they both default to 1.

To explicitly supply a value for identity column

1. First turn on identity insert - SET Identity\_Insert tblPerson ON
2. In the insert query specify the column list  
Insert into tblPerson(PersonId, Name) values(2, 'John')

If you have deleted all the rows in a table, and you want to reset the identity column value, use DBCC CHECKIDENT command.

**DBCC CHECKIDENT('tblPerson', RESEED, 0)**

# 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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