Remove duplicate records from a table in SQL Server

Suppose we have below Employee table in SQL Server.

1. CREATE TABLE dbo.Employee
2. (
3. EmpID int IDENTITY(1,1) NOT NULL,
4. Name varchar(55) NULL,
5. Salary decimal(10, 2) NULL,
6. Designation varchar(20) NULL
7. )

The data in this table is as shown below:

## Remove Duplicate Records by using ROW\_NUMBER()

1. WITH TempEmp (Name,duplicateRecCount)
2. AS
3. (
4. SELECT Name,ROW\_NUMBER() OVER(PARTITION by Name, Salary ORDER BY Name)
5. AS duplicateRecCount
6. FROM dbo.Employee
7. )
8. --Now Delete Duplicate Records
9. DELETE FROM TempEmp
10. WHERE duplicateRecCount > 1
11. --See affected table
12. Select \* from Employee