**Data Table In ADO.NET:-**

**Data table and Data set these these two object comes in disconnected architecture. We use Data table and Data set we not need to open and close the connection.Data table represents single table.**

**Data Table in c# is similar to Table in SQL.we must include System .**

**We define or create Data Column object and after the we add in Data Table object EX:- employee . and also we create DataRow object**

**Employee . Columns. Add(gender) // gender is column object**

**Employee . Rows. Add(row1) // row1 is DataRow object**

**Data Set In ADO.Net:-**

**Data Set is like Collection of Data table. It represents multiple table. It comes under disconnected architecture.**

**Data set is tabular representation of data.**

**Tabular representation means it represents data into row and column format.**

**We make stored procedure in which we write select query for two different table and we will call it from backend .**

**String cs= Configuration Manager. Connection String [“ado\_table”]**

**SqlConnection con= new SqlConnection( cs);**

**String query= “stored Procedure name “;**

**SqlDataAdapter ada = new SqlDataAdapter( query , con);**

**ada.SelectCommand.CommandType = CommandType.Storedprocedure;**

**DataSet ds= new DataSet();**

**Ada.Fill(ds);**

**/\* SqlDataAdapter ada1 = new SqlDataAdapter( query1 , con);**

**SqlDataAdapter ada2 = new SqlDataAdapter( query2 , con);**

**DataTable t1 = new DataTable();**

**DataTable t2 = new DataTable();**

**Ada1.Fill(t1); Ada2.Fill(t2); ds.Table.Add(t1); ds.Table.Add(t2);**

**\*/**