

# Creating Data Tables and Populating Them

```
/*
 * C# Programmers Pocket Consultant
 * Author: Gregory S. MacBeth
 * Email: gmacbeth@comporium.net
 * Create Date: June 27, 2003
 * Last Modified Date:
 * Version: 1
 */
using System;
using System.Data;
using System.Data.SqlClient;

namespace Client.Chapter_13___ADO.NET
{
    public class CreatingDataTablesandPopulatingThem
    {
        static void Main(string[] args)
        {
            SqlConnection MyConnection = new SqlConnection(@"Data
Source=(local); Initial Catalog = CaseManager; Integrated
Security=true");
            SqlDataAdapter MyAdapter = new SqlDataAdapter("SELECT * FROM
CaseInfo", MyConnection);
            DataSet MyDataSet = new DataSet();

            //Create a new DataTable
            DataTable MyTable2 = MyDataSet.Tables.Add("My2ndTable");

            //Adding Columns and Rows
            DataColumn myColumn = new DataColumn();

            myColumn.DataType = System.Type.GetType("System.Decimal");
            myColumn.AllowDBNull = false;
```

```
myColumn.Caption = "Price";
myColumn.ColumnName = "Price";
myColumn.DefaultValue = 25;

// Add the column to the table.
MyTable2.Columns.Add(myColumn);

// Add 10 rows and set values.
DataRow myRow;

for (int i = 0; i < 10; i++) { myRow = MyTable2.NewRow();
myRow[0] = i + 1; // Be sure to add the new row to the
DataRowCollection.    MyTable2.Rows.Add(myRow);    }
SqlCommandBuilder Builder = new SqlCommandBuilder(MyAdapter);
MyAdapter.Update(MyDataSet, "My2ndTable"); } } } [/csharp]
```