

Pass parameters to SqlCommand

```
using System;
using System.Data;
using System.Data.SqlClient;

class CommandExampleParameters
{
    static void Main()
    {
        SqlConnection thisConnection = new
        SqlConnection("server=(local)SQLEXPRESS;database=MyDatabase;In
        tegrated Security=SSPI");

        SqlCommand nonqueryCommand = thisConnection.CreateCommand();

        try {
            thisConnection.Open();

            nonqueryCommand.CommandText = "CREATE TABLE MyTable (MyName
            VARCHAR (30), MyNumber integer)";
            Console.WriteLine(nonqueryCommand.CommandText);
            Console.WriteLine("Number of Rows Affected is: {0}",
            nonqueryCommand.ExecuteNonQuery());

            nonqueryCommand.CommandText = "INSERT INTO MyTable VALUES
            (@MyName, @MyNumber)";

            nonqueryCommand.Parameters.Add("@MyName", SqlDbType.VarChar,
            30);
            nonqueryCommand.Parameters.Add("@MyNumber", SqlDbType.Int);

            nonqueryCommand.Prepare();

            string[] names = { "A", "B", "C", "D" } ;
            int i;
            for (i=1; i<=4; i++) {
                nonqueryCommand.Parameters["@MyName"].Value = names[i-1];
```

```
nonqueryCommand.Parameters["@MyNumber"].Value = i;
Console.WriteLine(nonqueryCommand.CommandText);
Console.WriteLine("Number of Rows Affected is: {0}",
nonqueryCommand.ExecuteNonQuery()); } } catch (SqlException
ex) { Console.WriteLine(ex.ToString()); } finally {
thisConnection.Close(); Console.WriteLine("Connection
Closed."); } } } [/csharp]
```