

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]
```