مملكة السي شارب

الجزء الثالث

ربط قاعدة البيانات sql server مع السي شارب

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Ado.net

ربط قاعدة البيانات sql server مع السي شارب

```csharp
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using System.Data.SqlClient;


namespace waleed3
{

    public partial class Form1 : Form
    {

        public Form1()
        {
            InitializeComponent();
            DataTable dt = new DataTable();
```

```
SqlDataAdapter da;
SqlCommand command;
string sql;
string connetionString;
SqlConnection cnn;
connetionString = @"Data
Source=(localdb)\MSSQLLocalDB;Initial Catalog=car";
cnn = new SqlConnection(connetionString);
cnn.Open();
MessageBox.Show("Connection Open !");
da = new SqlDataAdapter("select * from car12", cnn);
da.Fill(dt);
dgv.DataSource = dt;
{

private void button1_Click(object sender, EventArgs e)
}
textBox1.Text = "";
textBox2.Text = "";
textBox3.Text = "";
textBox4.Text = "";
textBox5.Text = "";
```

```
{

(private void button2_Click(object sender, EventArgs e

}

;string connetionString

;SqlConnection cnn

;string sql

;()DataTable dt = new DataTable

sql = "insert into car12 (car_no,car_name)values('" +
;"('" + textBox1.Text + "', '" + textBox2.Text

connetionString = @"Data
;"Source=(localdb)\MSSQLLocalDB;Initial Catalog=car

;(cnn = new SqlConnection(connetionString

;()cnn.Open


;()SqlDataAdapter da = new SqlDataAdapter

;("!  MessageBox.Show("Connection Open

;SqlCommand command

;(command = new SqlCommand(sql, cnn

;(da.InsertCommand = new SqlCommand(sql, cnn
```

```
da.InsertCommand.ExecuteNonQuery();
da = new SqlDataAdapter("select * from car12", cnn);
da.Fill(dt);
dgv.DataSource = dt;
command.Dispose();
cnn.Close();
{

/// <summary>
///
/// <summary/>
/// <param name="sender"></param>
/// <param name="e"></param>
private void button3_Click(object sender, EventArgs e)
}
string sql;
SqlCommand command;
string connetionString;
SqlConnection cnn;
SqlDataAdapter da;
DataTable dt = new DataTable();
```

```
connetionString = @"Data
;"Source=(localdb)\MSSQLLocalDB;Initial Catalog=car
;(cnn = new SqlConnection(connetionString
;()cnn.Open
;("!  MessageBox.Show("Connection Open
;()SqlDataAdapter adapter = new SqlDataAdapter
;"" + sql = "delete car12 where car_no= '" + textBox1.Text
;(command = new SqlCommand(sql, cnn
;(adapter.DeleteCommand = new SqlCommand(sql, cnn
;()adapter.DeleteCommand.ExecuteNonQuery
;(da = new SqlDataAdapter("select * from car12", cnn
;(da.Fill(dt
;dgv.DataSource = dt
;()command.Dispose
;()cnn.Close
{

(private void button4_Click(object sender, EventArgs e
}
;string sql
;SqlCommand command
;string connetionString
```

```
SqlConnection cnn;
SqlDataAdapter da;
DataTable dt = new DataTable();
connetionString = @"Data
Source=(localdb)\MSSQLLocalDB;Initial Catalog=car";
cnn = new SqlConnection(connetionString);
cnn.Open();
MessageBox.Show("Connection Open !");
SqlDataAdapter adapter = new SqlDataAdapter();
sql = "update car12 set car_name='" + textBox2.Text + "'
" + where car_no= '" + textBox1.Text + "'";
command = new SqlCommand(sql, cnn);
adapter.UpdateCommand = new SqlCommand(sql, cnn);
adapter.UpdateCommand.ExecuteNonQuery();
da = new SqlDataAdapter("select * from car12", cnn);
da.Fill(dt);
dgv.DataSource = dt;
command.Dispose();
cnn.Close();

{
```

```
(private void button5_Click(object sender, EventArgs e
}
;string sql
;SqlCommand command
;string connetionString
;SqlConnection cnn
;SqlDataAdapter da
;()da = new SqlDataAdapter
;()DataTable dt = new DataTable
connetionString = @"Data
;"Source=(localdb)\MSSQLLocalDB;Initial Catalog=car
;(cnn = new SqlConnection(connetionString
;()cnn.Open
;("!  MessageBox.Show("Connection Open
;()SqlDataAdapter adapter = new SqlDataAdapter
sql = "select  * from  car12 where car_no= '" + textBox1.Text
;"'" +
;(command = new SqlCommand(sql, cnn
;da.SelectCommand = command
;(da.Fill(dt
;dgv.DataSource = dt
```

```
;()command.Dispose

;()cnn.Close
```