

مملكة السي شارب

الجزء الثالث

ربط قاعدة البيانات sql server مع السي شارب

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The screenshot shows a Windows application window titled "Form1" with standard minimize, maximize, and close buttons. The form is divided into several sections:

- information:** A vertical list of text labels on the left, each followed by an empty text input box:
 - Id_student
 - First_name
 - Last_name
 - Age
 - Adress
- student list:** A data grid with two columns: "car_no" and "car_name". The first row is highlighted in blue and contains the values "1" and "s". The second row contains "2" and "w". The third row contains "3" and "r". A fourth row contains an asterisk "*" in the "car_no" column. A vertical scrollbar is visible on the right side of the grid.
- update:** A horizontal row of six buttons: "new", "add", "delete", "edit", "find", and "exit".
- navigation:** A horizontal row of four buttons with navigation symbols: a double left arrow, a single left arrow, a single right arrow, and a double right arrow.

```
        ;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
            connectionString = @"Data
;Source=(localdb)\MSSQLLocalDB;Initial Catalog=car
        ;(cnn = new SqlConnection(connectionString
            ;()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