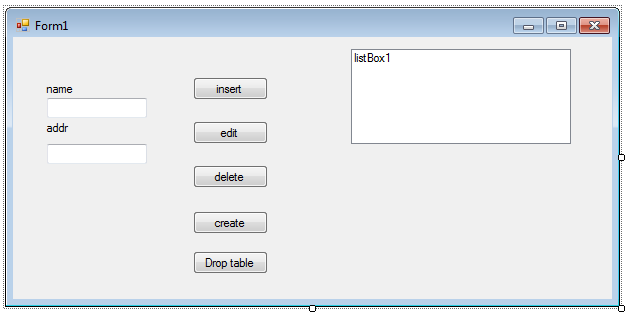
The first databaseprogram



using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Text;

using System.Windows.Forms;

using System.Data.Odbc;

namespace fall2015windb01

{

public partial class Form1 : Form

{

static public string sql;

static public string constr = "dsn=yourdsn; name=root; pwd=";

static public OdbcConnection con;

static public OdbcCommand cmd;

static public OdbcDataReader rd;

static public int[] ind = new int[100];

public Form1()

{

InitializeComponent();

updlb();

}

public void updlb()

{

int x = 0;

listBox1.Items.Clear();

sql = "SELECT \* FROM firstone;";

dbr();

while (rd.Read())

{

listBox1.Items.Add(rd["name"].ToString());

ind[x++] = Convert.ToInt16(rd["i"]);

}

rd.Close();

}

private void dbw()

{

con = new OdbcConnection(constr);

cmd = new OdbcCommand(sql, con);

con.Open();

cmd.ExecuteNonQuery();

con.Close();

}

private void dbr()

{

con = new OdbcConnection(constr);

cmd = new OdbcCommand(sql, con);

con.Open();

rd = cmd.ExecuteReader();

}

private void button1\_Click(object sender, EventArgs e)

{

//create table

try

{

sql = "CREATE TABLE firstone ( ";

sql += "i int primary key auto\_increment, ";

sql += "name varchar(30), ";

sql += "addr varchar(40));";

dbw();

}

catch

{

}

}

private void button2\_Click(object sender, EventArgs e)

{

//insert

sql = "INSERT INTO firstone (name, addr) VALUES ('";

sql += textBox1.Text;

sql += "','";

sql += textBox2.Text;

sql += "');";

dbw();

textBox1.Text = "";

textBox2.Text = "";

updlb();

}

private void listBox1\_SelectedIndexChanged(object sender, EventArgs e)

{

sql = "SELECT \* FROM firstone WHERE i = ";

sql += ind[listBox1.SelectedIndex];

sql += ";";

dbr();

while (rd.Read())

{

textBox1.Text = rd["name"].ToString();

textBox2.Text = rd["addr"].ToString();

}

rd.Close();

}

private void button3\_Click(object sender, EventArgs e)

{

//edit

sql = "UPDATE firstone ";

sql += "SET name = '";

sql += textBox1.Text;

sql += "', addr = '";

sql += textBox2.Text;

sql += "' WHERE i = ";

sql += ind[listBox1.SelectedIndex];

sql += ";";

dbw();

textBox1.Text = "";

textBox2.Text = "";

updlb();

}

private void button5\_Click(object sender, EventArgs e)

{

//delete

sql = "DELETE FROM firstone WHERE i = ";

sql += ind[listBox1.SelectedIndex];

sql += ";";

dbw();

textBox1.Text = "";

textBox2.Text = "";

updlb();

}

private void button4\_Click(object sender, EventArgs e)

{

//drop table

sql = "DROP TABLE firstone;";

dbw();

}

}

}