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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.Odbc;
using System.IO;

namespace jkp_win_mysql01
{
    public partial class Form1 : Form
    {
        static public string sql;
        static public string constr = "dsn=jkpdsn; name=root; pwd=";
        static public OdbcConnection con;
        static public OdbcCommand cmd;
        static public OdbcDataReader rd;

        public Form1()
        {
            InitializeComponent();
            // sql = "DROP TABLE postal;";
            // dbw();
            try
            {
                sql = "CREATE TABLE postal( ";
                sql += " con_id int primary key auto_increment,";
                sql += " pno int,";
                sql += " city varchar(50));";
                dbw();
            }
            catch
            {
            }
        }
    }
}
```

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    }
}

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)
{
    //read file
    /*
    StreamReader sr = new StreamReader("winpostby.txt");
    string str;
    while ((str=sr.ReadLine())!=null)
    {
        string[] s = str.Split(';');
        sql = "INSERT INTO postal (pno, city) VALUES (";
        sql += s[0];
        sql += ",";
        sql += s[1];
        sql += "';";
        //MessageBox.Show(sql);
        dbw();
    }
    sr.Close();
    MessageBox.Show("done");
    */
}

private void textBox1_TextChanged(object sender, EventArgs e)
{
    if(textBox1.Text.Length==4)
    {
        sql = "SELECT * FROM postal WHERE pno = ";
        sql += textBox1.Text;
        sql += ";";
        dbr();
        while (rd.Read())
        {
            textBox2.Text = rd["city"].ToString();
        }
        rd.Close();
        rd.Dispose();
        con.Close();
    }
}

```

