

## 2A\_win\_table\_airports

The screenshot shows a Windows Form titled "Form1" with a standard title bar (minimize, maximize, close buttons). The form's content is organized into four columns. Each column consists of a label, a button labeled "Click here", an empty text input field, and a list box. The list boxes are labeled "listBox1", "listBox2", "listBox3", and "listBox4" respectively. A "Read all" button is positioned at the bottom right of the form.

```
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.IO;

namespace _2A_win_simple_airport
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
            readall();
        }

        private void maskedTextBox1_MaskInputRejected(object sender,
MaskInputRejectedEventArgs e)
        {
        }

        private void maskedTextBox1_TextChanged(object sender, EventArgs e)
        {
        }

        private void maskedTextBox2_TextChanged(object sender, EventArgs e)
        {
        }

        private void maskedTextBox3_TextChanged(object sender, EventArgs e)
        {
        }
    }
}
```

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}

private void maskedTextBox4_TextChanged(object sender, EventArgs e)
{
}

private void C11b()
{
    listBox1.Items.Clear();
    listBox2.Items.Clear();
    listBox3.Items.Clear();
    listBox4.Items.Clear();
}

private void cltb()
{
    maskedTextBox1.Text = "";
    maskedTextBox2.Text = "";
    maskedTextBox3.Text = "";
    maskedTextBox4.Text = "";
}

private void readall()
{
    C11b();
    cltb();
    StreamReader sr = new StreamReader("Airports.csv");
    string str;
    while ((str = sr.ReadLine()) != null)
    {
        string[] s = str.Split(';');
        listBox1.Items.Add(s[0]);
        listBox2.Items.Add(s[1]);
        listBox3.Items.Add(s[2]);
        listBox4.Items.Add(s[3]);
    }
    sr.Close();
}

private void button1_Click(object sender, EventArgs e)
{
    // check on code
    string code = maskedTextBox1.Text;
    C11b();
    if (code.Length == 3)
    {
        StreamReader sr = new StreamReader("Airports.csv");
        string str;
        while ((str = sr.ReadLine()) != null)
        {
            string[] s = str.Split(';');
            if (code.ToLower() == s[0].ToLower())
            {
                maskedTextBox2.Text = s[1];
                maskedTextBox3.Text = s[2];
                maskedTextBox4.Text = s[3];
            }
        }
        sr.Close();
    }
}

```

```

    }
    else
    {
        maskedTextBox2.Text = "";
        maskedTextBox3.Text = "";
        maskedTextBox4.Text = "";
    }
}

private void button2_Click(object sender, EventArgs e)
{
    //check on city
    string city = maskedTextBox2.Text;
    Cllb();
    StreamReader sr = new StreamReader("Airports.csv");
    string str;
    while ((str = sr.ReadLine()) != null)
    {
        string[] s = str.Split(';');
        if (city.ToLower() == s[1].ToLower())
        {
            maskedTextBox1.Text = s[0];
            maskedTextBox3.Text = s[2];
            maskedTextBox4.Text = s[3];
        }
    }
    sr.Close();
}

private void button3_Click(object sender, EventArgs e)
{
    // check on Airport
    string airport = maskedTextBox3.Text;
    Cllb();
    StreamReader sr = new StreamReader("Airports.csv");
    string str;
    while ((str = sr.ReadLine()) != null)
    {
        string[] s = str.Split(';');
        if (airport.ToLower() == s[1].ToLower())
        {
            maskedTextBox1.Text = s[0];
            maskedTextBox3.Text = s[2];
            maskedTextBox4.Text = s[3];
        }
    }
    sr.Close();
}

private void button4_Click(object sender, EventArgs e)
{
    // check on country
    string country = maskedTextBox4.Text;
    Cllb();
    listBox1.Items.Clear();
    StreamReader sr = new StreamReader("Airports.csv");
    string str;
    while ((str = sr.ReadLine()) != null)
    {
        string[] s = str.Split(';');

```

```
        if (country.ToLower() == s[3].ToLower())
        {
            maskedTextBox1.Text = s[0];
            listBox1.Items.Add(s[0]);
            maskedTextBox2.Text = s[1];
            listBox2.Items.Add(s[1]);
            maskedTextBox3.Text = s[2];
            listBox3.Items.Add(s[2]);
        }
    }
    sr.Close();
}

private void button5_Click(object sender, EventArgs e)
{
    readall();
}

private void listBox1_SelectedIndexChanged(object sender, EventArgs e)
{
    maskedTextBox1.Text = listBox1.SelectedItem.ToString();
}

private void listBox2_SelectedIndexChanged(object sender, EventArgs e)
{
    maskedTextBox2.Text = listBox2.SelectedItem.ToString();
}

private void listBox3_SelectedIndexChanged(object sender, EventArgs e)
{
    maskedTextBox3.Text = listBox3.SelectedItem.ToString();
}

private void listBox4_SelectedIndexChanged(object sender, EventArgs e)
{
    maskedTextBox4.Text = listBox4.SelectedItem.ToString();
}
}
}
```