using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Globalization;

using System.Linq;

using System.Text;

using System.Text.RegularExpressions;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace Naming

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

public static string FirstLetterToUpper(string str)

{

return CultureInfo.CurrentCulture.TextInfo.ToTitleCase(str.ToLower());

}

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

{

string Name = textBoxName.Text.ToString();

if (!Name.Contains(" "))

{

Regex rgx = new Regex("[^a-zA-Z]");

Name = rgx.Replace(Name, "");

StringBuilder SB = new StringBuilder();

foreach (Char C in Name)

{

if (Char.IsUpper(C))

SB.Append(' ');

SB.Append(C);

}

string result = FirstLetterToUpper(SB.ToString().Trim());

label1.Text = result.ToString();

}

else

{

Regex rgx = new Regex("[^a-zA-Z ]");

Name = rgx.Replace(Name, "");

string result = FirstLetterToUpper(Name);

string newResult = Regex.Replace(result, " {2,}", " ");

StringBuilder SB = new StringBuilder();

foreach (Char C in newResult)

{

if (Char.IsUpper(C))

SB.Append(' ');

SB.Append(C);

}

newResult = SB.ToString().Trim();

label1.Text = newResult.ToString();

}

}

}

}