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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.Text.RegularExpressions;
using System.IO;
namespace WindowsFormsApp1
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }

        private void label1_Click(object sender, EventArgs e)
        {
        }

        private void button1_Click(object sender, EventArgs e)
        {
            if(string.IsNullOrEmpty(textBox1.Text))
            {
                MessageBox.Show("Name is required!", "validation error",
                MessageBoxButtons.OK, MessageBoxIcon.Warning);
                textBox1.Focus();
                return;
            }

            if (string.IsNullOrEmpty(textBox2.Text))
            {
                MessageBox.Show(" email is required !", "validation error",
                MessageBoxButtons.OK, MessageBoxIcon.Warning);
                textBox2.Focus();
            }

            if (string.IsNullOrEmpty(textBox3.Text))
            {
                MessageBox.Show(" phon number is required !", "validation
                error", MessageBoxButtons.OK, MessageBoxIcon.Warning);
                textBox3.Focus();
            }

            if (string.IsNullOrEmpty(textBox4.Text))
            {
                MessageBox.Show(" age is required !", "validation error",
                MessageBoxButtons.OK, MessageBoxIcon.Warning);
                textBox4.Focus();
            }
        }
    }
}
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        if (string.IsNullOrEmpty(textBox5.Text))
        {
            MessageBox.Show(" password is required !", "validation
error", MessageBoxButtons.OK, MessageBoxIcon.Warning);
            textBox5.Focus();
        }

        if (! Regex.IsMatch(textBox2.Text, @"^[^@\s]+@[^@\s]+\.[^@\s]+$"))
        {
            MessageBox.Show("Enter a valid email addrees !", "validation
error", MessageBoxButtons.OK, MessageBoxIcon.Warning);
            textBox2.Focus();

            return;
        }

        if(textBox3.Text.Length!=9)
        {
            MessageBox.Show("the phon number must be 9 numbers!",
"validation error", MessageBoxButtons.OK, MessageBoxIcon.Warning);
            textBox3.Focus();
            return;
        }

        if (! radioButton1.Checked && !radioButton2.Checked)
        {
            MessageBox.Show("plz slect the gender !", "validation error",
MessageBoxButtons.OK, MessageBoxIcon.Warning);
            return;
        }

        if(textBox5.Text!="Dena2005")
        {
            MessageBox.Show("ops wrong password !", "validation error",
MessageBoxButtons.OK, MessageBoxIcon.Warning);
            return;
        }
        string name = textBox1.Text;
        string email = textBox2.Text;
        string phone = textBox3.Text;
        string age = textBox4.Text;
        string gender = radioButton1.Checked ? "MALe" : "FEMALE";
        string mas = "name: " + name + "\n email: " + email + "\n phone:
" + phone + "\n age : "+age +"\n gender: "+gender;
        MessageBox.Show(mas, "registration data", MessageBoxButtons.OK,
MessageBoxIcon.Information);

    }

    private void label2_Click(object sender, EventArgs e)
    {

    }

    private void button2_Click(object sender, EventArgs e)
    {

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        textBox1.Text = "";
        textBox2.Text = "";
        textBox3.Text = "";
        textBox4.Text = "";
        textBox5.Text = "";
        radioButton1.Checked = false;
        radioButton2.Checked = false;
    }

    private void button3_Click(object sender, EventArgs e)
    {
        if(string.IsNullOrEmpty(textBox1.Text)||string.IsNullOrEmpty(textBox2.Text))
        {
            MessageBox.Show(" name or email is empty!", "validation
error", MessageBoxButtons.OK, MessageBoxIcon.Warning);
            return;
        }
        string data = $"{textBox1.Text}\n" +
            $"{textBox2.Text}\n" +
            $"{textBox3.Text}\n" +
            $"{textBox4.Text}\n" +
            $"{textBox5.Text}\n" +
            $"{(radioButton1.Checked ? "male" : "female")}\n";
        File.WriteAllText("registration.txt", data);
    }

    private void button4_Click(object sender, EventArgs e)
    {
        if(!File.Exists("registration.txt"))
        {
            MessageBox.Show("no saved data found", "validation error",
MessageBoxButtons.OK, MessageBoxIcon.Warning);
            return;
        }
        string[] lines = File.ReadAllLines("registration.txt");
        if(lines.Length<6)
        {
            MessageBox.Show("saved data is not complite ", "validation
error", MessageBoxButtons.OK, MessageBoxIcon.Warning);
            return;
        }
        textBox1.Text = lines[0];
        textBox2.Text = lines[1];
        textBox3.Text = lines[2];
        textBox4.Text = lines[3];
        textBox5.Text = lines[4];
        if (lines[5] == "male")
            radioButton1.Checked = true;
        else
            radioButton2.Checked = true;
        MessageBox.Show("loaded ", "validation error",
MessageBoxButtons.OK, MessageBoxIcon.Warning);
        return;
    }
}
}

```



