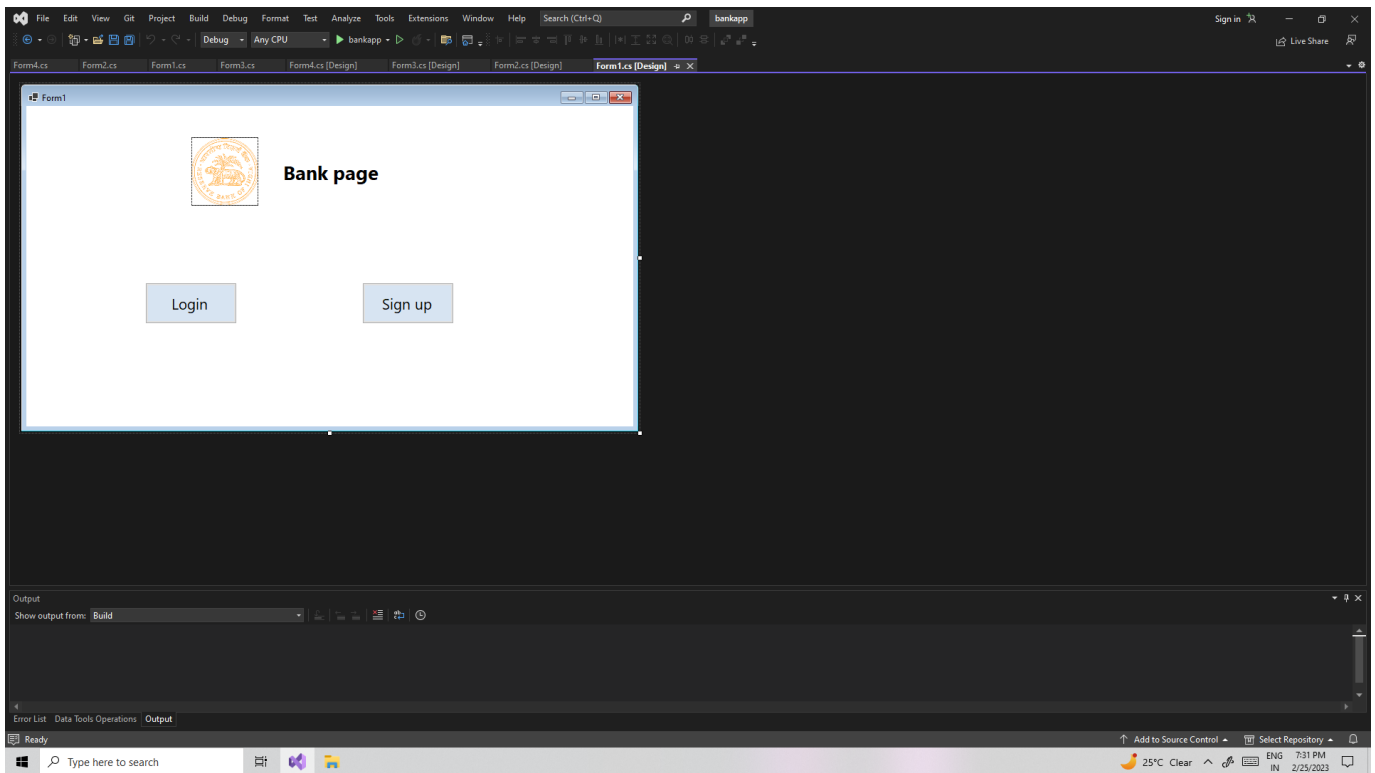# FORM 1 – Bank page :-

Code:-
```
namespace bankapp
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }
        private void Form1_Load(object sender, EventArgs e)
        {

        }
        private void button1_Click(object sender, EventArgs e)
        {
            Form2 f2 = new Form2();
            f2.Show();
            this.Hide();
        }
        private void button2_Click(object sender, EventArgs e)
        {
            Form3 f3 = new Form3();
```
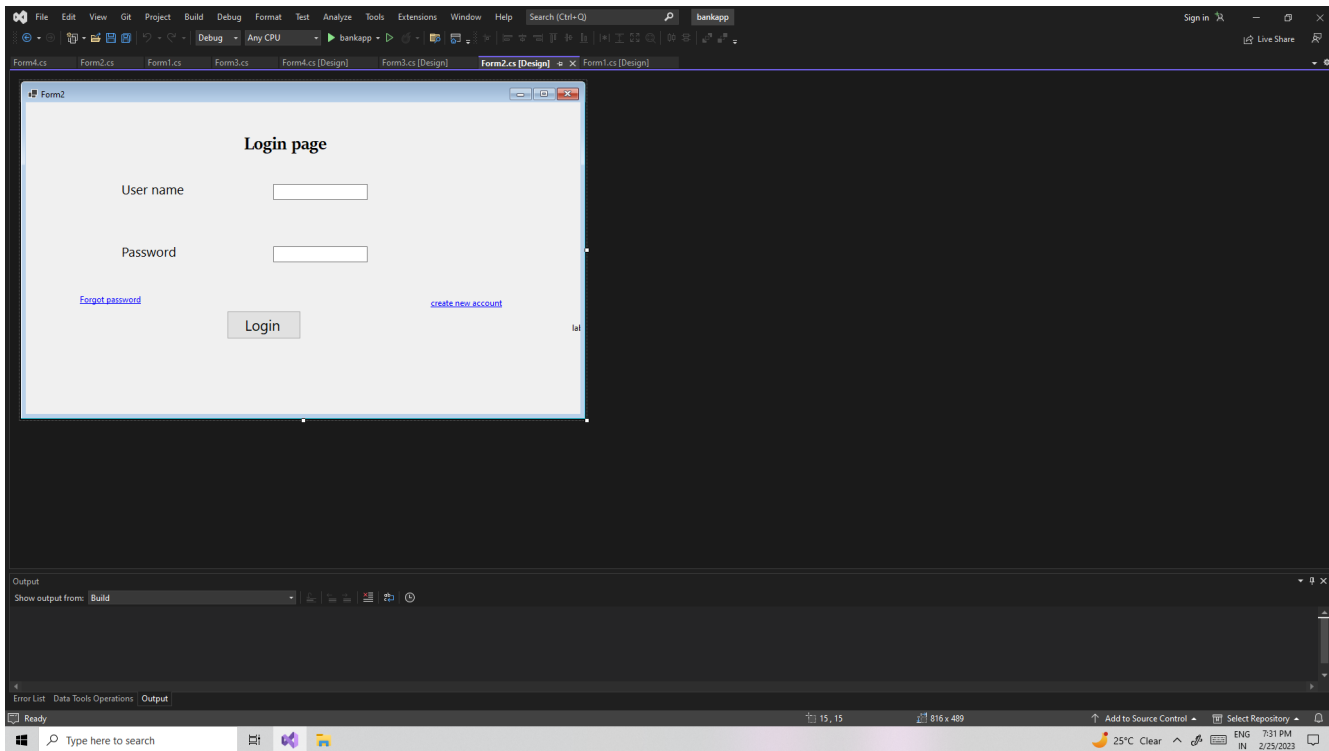
```
            f3.Show();
              this.Hide();
          }
        }
}
```

Form2 login page :-

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.SqlClient;
using System.Data.Common;

namespace bankapp
{
    public partial class Form2 : Form
    {
        public Form2()
        {
            InitializeComponents();
```

```csharp
        }
    private void button1_Click(object sender, EventArgs e)
        {

            string username = textBox1.Text;
            string password = textBox2.Text;
            SqlConnection conn = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;Initial Catalog=logindata;Integrated Security=True");
            SqlCommand sd = new SqlCommand("SELECT * FROM LOGPAGE WHERE USERNAME =
@username AND PASSWORD = @password",conn);
            sd.Parameters.AddWithValue("@username",username);
            sd.Parameters.AddWithValue("@password", password);
            conn.Open ();
            SqlDataReader reader=sd.ExecuteReader();
            if(reader.HasRows)
            {
                Form4 f4 = new Form4 (username);

                f4.Show();
                this.Hide();
            }
            else
            {
                MessageBox.Show("Invalid username or password");
            }

            conn.Close ();
            reader.Close ();
        }

    private void linkLabel1_LinkClicked(object sender, LinkLabelLinkClickedEventArgs e)
        {
            Form5 f5=new Form5();
            f5.Show();
        }
    private void linkLabel2_LinkClicked(object sender, LinkLabelLinkClickedEventArgs e)
        {
            Form3 f3=new Form3 ();
            f3.Show();
        }
    }
}
```
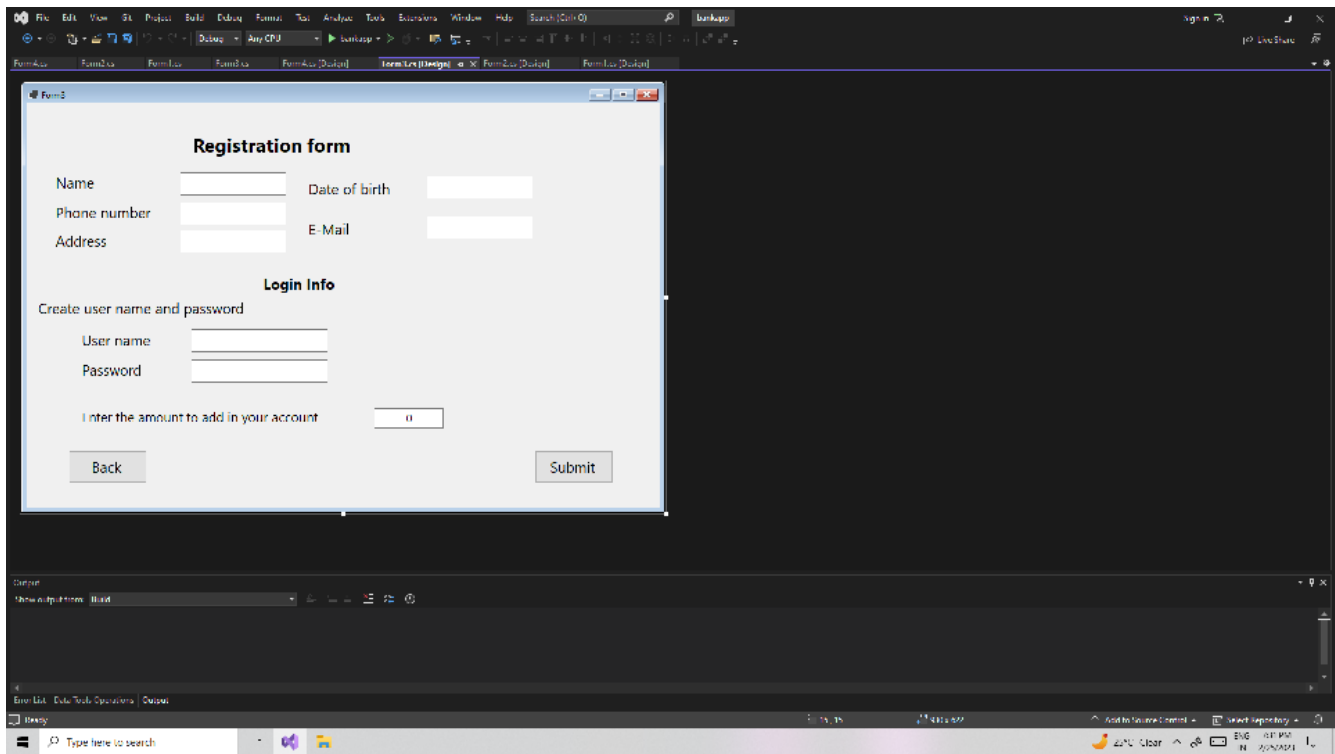
Form3 signup:-

Code:-
```
namespace bankapp
{
    public partial class Form3 : Form
    {
        public Form3()
        {
            InitializeComponent();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            SqlConnection conn = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;Initial Catalog=logindata;Integrated Security=True");
  string query = "INSERT INTO LOGPAGE (USERNAME, PASSWORD, NAME,PHNO, BALANCE)
VALUES (@username,@password,@name,@phone,@balance)";
            SqlCommand cmd= new SqlCommand(query, conn);
            cmd.Parameters.AddWithValue("@username",textBox6.Text);
            cmd.Parameters.AddWithValue("@password", textBox7.Text);
            cmd.Parameters.AddWithValue("@name", textBox1.Text);
            cmd.Parameters.AddWithValue("@phone", textBox2.Text);
            cmd.Parameters.AddWithValue("@balance", textBox8.Text);

            conn.Open ();
            int resukt= cmd.ExecuteNonQuery ();
            if (resukt >0)
```

```
            {
                    Form2 f2 = new Form2();
                    f2.Show();
                    this.Hide ();
            }
            else
            {
                    MessageBox.Show("Invalid username or password");

            }
            conn.Close ();
        }
        private void button2_Click(object sender, EventArgs e)
        {
                    Form1 f1=new Form1();
                    f1.Show();
                    this.Hide();
        }
    }
}
```
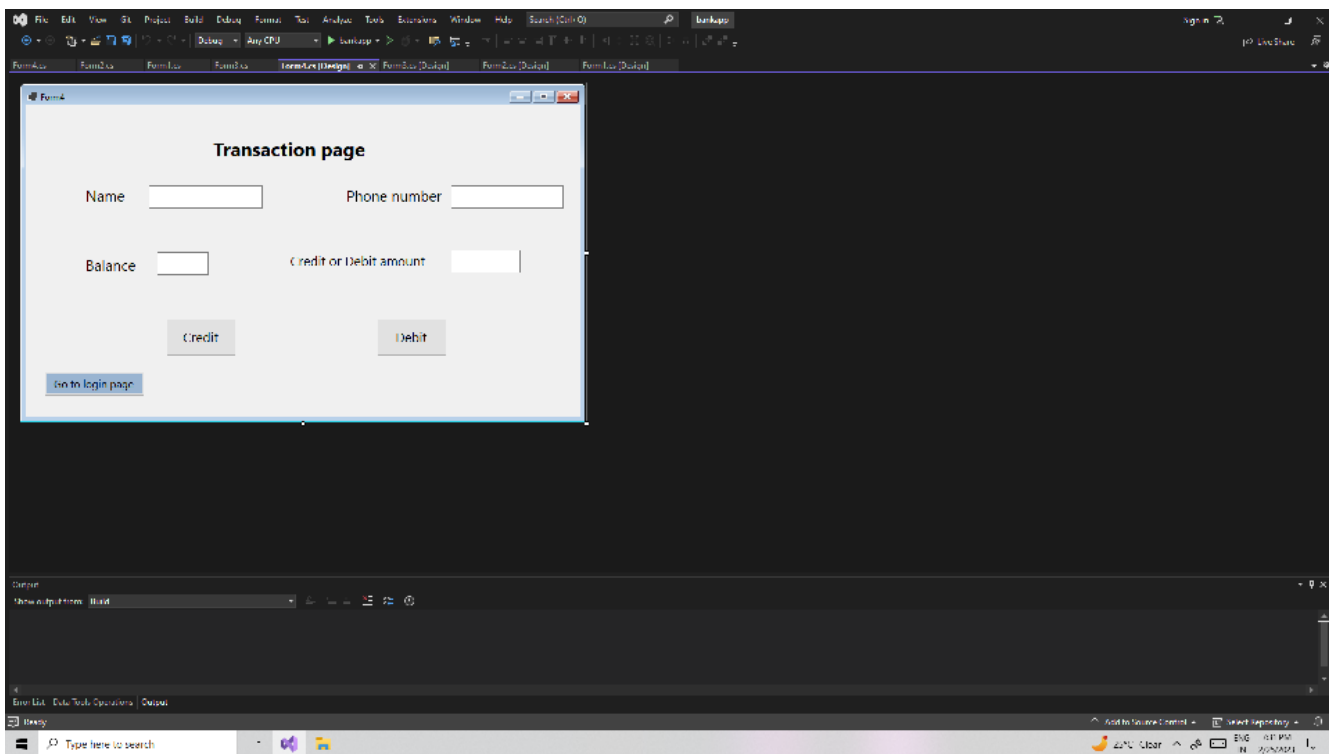
Form 4 Transaction :-

Code:-

namespace bankapp
{

```csharp
public partial class Form4 : Form
{
    public string uname;
    public Form4(string val)
    {
        InitializeComponent();
        uname = val;
        SqlConnection conn = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;Initial Catalog=logindata;Integrated Security=True");
        conn.Open();
        SqlCommand sd = new SqlCommand("SELECT * FROM LOGPAGE WHERE
USERNAME = @username ", conn);
        sd.Parameters.AddWithValue("@username", uname);
        SqlDataReader reader = sd.ExecuteReader();
        if (reader.HasRows)
        {
            while (reader.Read())
            {
                string result = reader.GetString(reader.GetOrdinal("NAME"));
                int pho = reader.GetInt32(reader.GetOrdinal("PHNO"));
                int bal = reader.GetInt32(reader.GetOrdinal("BALANCE"));
                textBox1.Text = result;
                textBox2.Text = pho.ToString();
                textBox3.Text = bal.ToString();
            }
        }
        reader.Close();
        conn.Close();
    }
    private void button1_Click(object sender, EventArgs e)
    {
        int a= Convert.ToInt32(textBox3.Text);
        int b = Convert.ToInt32(textBox4.Text);
        int c;
        c = a + b;
        textBox3.Text = c.ToString();
        SqlConnection conn = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;Initial Catalog=logindata;Integrated Security=True");
        string query = "UPDATE LOGPAGE SET BALANCE= (@balance) WHERE
USERNAME =@USERNAME";
        SqlCommand cmd = new SqlCommand(query, conn);
        cmd.Parameters.AddWithValue("@balance", c);
        cmd.Parameters.AddWithValue("@username", uname);
    }

    private void button2_Click(object sender, EventArgs e)
    {
        int x= Convert.ToInt32(textBox3.Text);
        int y = Convert.ToInt32(textBox4.Text);
```
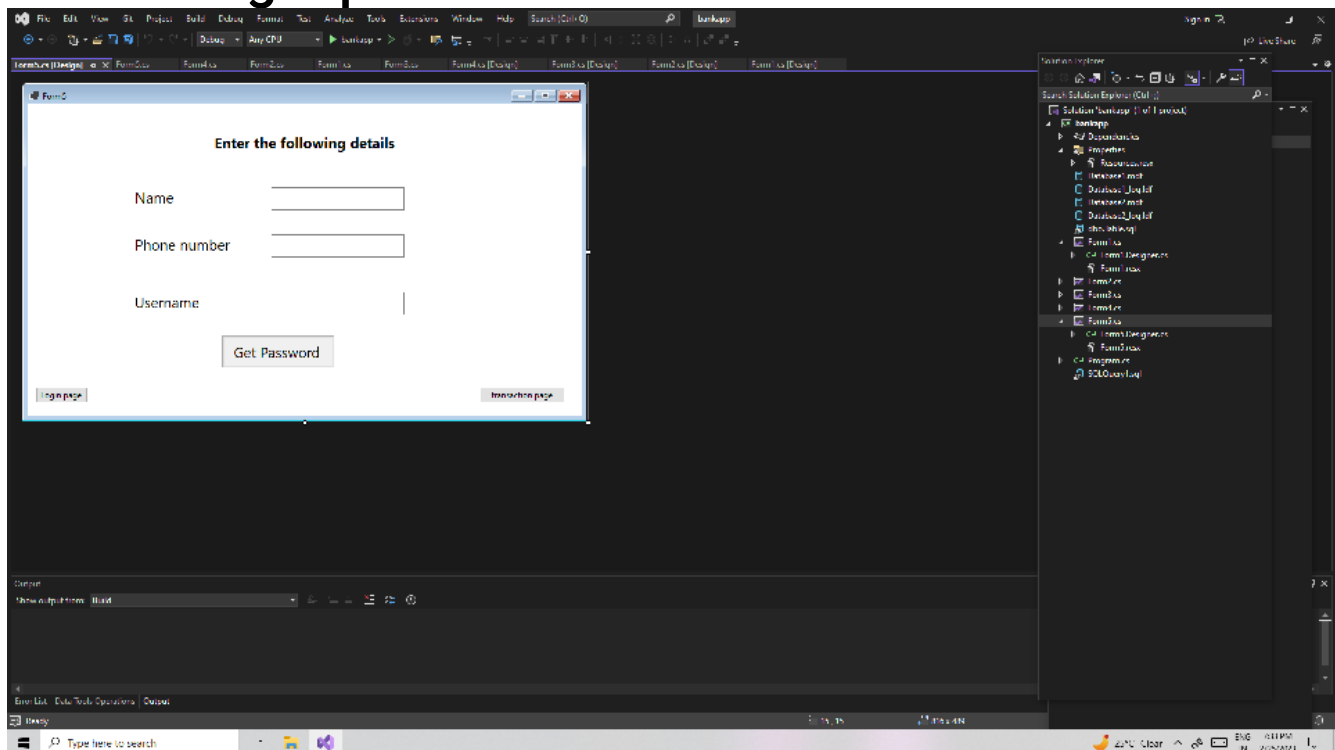
```
            int z;
            z = x - y;
            textBox3.Text = z.ToString();
            SqlConnection conn = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;Initial Catalog=logindata;Integrated Security=True");
            string query = "UPDATE LOGPAGE(Balance) SET BALANCE= (@balance) WHERE
USERNAME =@USERNAME";
            SqlCommand cmd = new SqlCommand(query, conn);
            cmd.Parameters.AddWithValue("@balance", z);
            cmd.Parameters.AddWithValue("@username", uname);
        }

        private void button3_Click(object sender, EventArgs e)
        {
            Form2 form2= new Form2();
            form2.Show();
            this.Hide();
        }
    }
}
```

Form5 forgot password:-

code:-
namespace bankapp
{
    public partial class Form5 : Form

```csharp
    {
        public Form5()
        {
            InitializeComponent();
        }


        private void button1_Click(object sender, EventArgs e)
        {
            string username = textBox3.Text;
            string name = textBox1.Text;
            string phone= textBox2.Text;
            SqlConnection conn = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;Initial Catalog=logindata;Integrated Security=True");
            SqlCommand sd = new SqlCommand("SELECT * FROM LOGPAGE WHERE
USERNAME = @username AND NAME= @name AND PHNO=@phone", conn);
            sd.Parameters.AddWithValue("@username", username);
            sd.Parameters.AddWithValue("@name",name);
            sd.Parameters.AddWithValue("@phone",phone);
            conn.Open();
            SqlDataReader reader = sd.ExecuteReader();
            if (reader.HasRows)
            {

                SqlCommand cd = new SqlCommand("SELECT * FROM LOGPAGE WHERE
USERNAME = @username ", conn);
                cd.Parameters.AddWithValue("@username", username);
                if (reader.HasRows)
                {
                    while (reader.Read())
                    {
                        string result = reader.GetString(reader.GetOrdinal("PASSWORD"));
                        MessageBox.Show(result+" is your password");
                    }
                }
            }
            else
            {
                MessageBox.Show("Invalid username or password");
            }


            conn.Close();
            reader.Close();
        }


        private void button3_Click(object sender, EventArgs e)
        {
            Form2 f2= new Form2();
```

```
                f2.Show();
        }


        private void button2_Click(object sender, EventArgs e)
        {
            Form4 f4 = new Form4(textBox3.Text);
            f4.Show();


        }
    }
}
```