**PROGRAM.cs**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace \_1.Calculater

{

internal static class Program

{

[STAThread]

static void Main()

{

Application.EnableVisualStyles();

Application.SetCompatibleTextRenderingDefault(false);

Application.Run(new Form1());

}

}

}

**========================1 Calculater========================**

**Form1.Designer.cs**

namespace \_1.Calculater

{

partial class Form1

{

/// <summary>

/// Required designer variable.

/// </summary>

private System.ComponentModel.IContainer components = null;

/// <summary>

/// Clean up any resources being used.

/// </summary>

/// <param name="disposing">true if managed resources should be disposed; otherwise, false.</param>

protected override void Dispose(bool disposing)

{

if (disposing && (components != null))

{

components.Dispose();

}

base.Dispose(disposing);

}

#region Windows Form Designer generated code

/// <summary>

/// Required method for Designer support - do not modify

/// the contents of this method with the code editor.

/// </summary>

private void InitializeComponent()

{

this.button1 = new System.Windows.Forms.Button();

this.button2 = new System.Windows.Forms.Button();

this.button3 = new System.Windows.Forms.Button();

this.button4 = new System.Windows.Forms.Button();

this.button5 = new System.Windows.Forms.Button();

this.button6 = new System.Windows.Forms.Button();

this.button7 = new System.Windows.Forms.Button();

this.button8 = new System.Windows.Forms.Button();

this.button9 = new System.Windows.Forms.Button();

this.button10 = new System.Windows.Forms.Button();

this.button11 = new System.Windows.Forms.Button();

this.button12 = new System.Windows.Forms.Button();

this.button13 = new System.Windows.Forms.Button();

this.button14 = new System.Windows.Forms.Button();

this.button15 = new System.Windows.Forms.Button();

this.button16 = new System.Windows.Forms.Button();

this.textBox1 = new System.Windows.Forms.TextBox();

this.SuspendLayout();

//

// button1

//

this.button1.Location = new System.Drawing.Point(26, 168);

this.button1.Name = "button1";

this.button1.Size = new System.Drawing.Size(75, 23);

this.button1.TabIndex = 1;

this.button1.Text = "1";

this.button1.UseVisualStyleBackColor = true;

this.button1.Click += new System.EventHandler(this.button1\_Click);

//

// button2

//

this.button2.Location = new System.Drawing.Point(127, 168);

this.button2.Name = "button2";

this.button2.Size = new System.Drawing.Size(75, 23);

this.button2.TabIndex = 2;

this.button2.Text = "2";

this.button2.UseVisualStyleBackColor = true;

this.button2.Click += new System.EventHandler(this.button2\_Click);

//

// button3

//

this.button3.Location = new System.Drawing.Point(222, 168);

this.button3.Name = "button3";

this.button3.Size = new System.Drawing.Size(75, 23);

this.button3.TabIndex = 3;

this.button3.Text = "3";

this.button3.UseVisualStyleBackColor = true;

this.button3.Click += new System.EventHandler(this.button3\_Click);

//

// button4

//

this.button4.Location = new System.Drawing.Point(26, 226);

this.button4.Name = "button4";

this.button4.Size = new System.Drawing.Size(75, 23);

this.button4.TabIndex = 4;

this.button4.Text = "4";

this.button4.UseVisualStyleBackColor = true;

this.button4.Click += new System.EventHandler(this.button4\_Click);

//

// button5

//

this.button5.Location = new System.Drawing.Point(127, 226);

this.button5.Name = "button5";

this.button5.Size = new System.Drawing.Size(75, 23);

this.button5.TabIndex = 5;

this.button5.Text = "5";

this.button5.UseVisualStyleBackColor = true;

this.button5.Click += new System.EventHandler(this.button5\_Click);

//

// button6

//

this.button6.Location = new System.Drawing.Point(222, 226);

this.button6.Name = "button6";

this.button6.Size = new System.Drawing.Size(75, 23);

this.button6.TabIndex = 6;

this.button6.Text = "6";

this.button6.UseVisualStyleBackColor = true;

this.button6.Click += new System.EventHandler(this.button6\_Click);

//

// button7

//

this.button7.Location = new System.Drawing.Point(26, 286);

this.button7.Name = "button7";

this.button7.Size = new System.Drawing.Size(75, 23);

this.button7.TabIndex = 7;

this.button7.Text = "7";

this.button7.UseVisualStyleBackColor = true;

this.button7.Click += new System.EventHandler(this.button7\_Click);

//

// button8

//

this.button8.Location = new System.Drawing.Point(127, 286);

this.button8.Name = "button8";

this.button8.Size = new System.Drawing.Size(75, 23);

this.button8.TabIndex = 8;

this.button8.Text = "8";

this.button8.UseVisualStyleBackColor = true;

this.button8.Click += new System.EventHandler(this.button8\_Click);

//

// button9

//

this.button9.Location = new System.Drawing.Point(222, 286);

this.button9.Name = "button9";

this.button9.Size = new System.Drawing.Size(75, 23);

this.button9.TabIndex = 9;

this.button9.Text = "9";

this.button9.UseVisualStyleBackColor = true;

this.button9.Click += new System.EventHandler(this.button9\_Click);

//

// button10

//

this.button10.Location = new System.Drawing.Point(127, 356);

this.button10.Name = "button10";

this.button10.Size = new System.Drawing.Size(75, 23);

this.button10.TabIndex = 10;

this.button10.Text = "0";

this.button10.UseVisualStyleBackColor = true;

//

// button11

//

this.button11.Location = new System.Drawing.Point(358, 168);

this.button11.Name = "button11";

this.button11.Size = new System.Drawing.Size(75, 23);

this.button11.TabIndex = 11;

this.button11.Text = "+";

this.button11.UseVisualStyleBackColor = true;

this.button11.Click += new System.EventHandler(this.button11\_Click);

//

// button12

//

this.button12.Location = new System.Drawing.Point(358, 210);

this.button12.Name = "button12";

this.button12.Size = new System.Drawing.Size(75, 23);

this.button12.TabIndex = 12;

this.button12.Text = "-";

this.button12.UseVisualStyleBackColor = true;

this.button12.Click += new System.EventHandler(this.button12\_Click);

//

// button13

//

this.button13.Location = new System.Drawing.Point(358, 251);

this.button13.Name = "button13";

this.button13.Size = new System.Drawing.Size(75, 23);

this.button13.TabIndex = 13;

this.button13.Text = "\*";

this.button13.UseVisualStyleBackColor = true;

this.button13.Click += new System.EventHandler(this.button13\_Click);

//

// button14

//

this.button14.Location = new System.Drawing.Point(358, 299);

this.button14.Name = "button14";

this.button14.Size = new System.Drawing.Size(75, 23);

this.button14.TabIndex = 14;

this.button14.Text = "/";

this.button14.UseVisualStyleBackColor = true;

this.button14.Click += new System.EventHandler(this.button14\_Click);

//

// button15

//

this.button15.Location = new System.Drawing.Point(358, 338);

this.button15.Name = "button15";

this.button15.Size = new System.Drawing.Size(75, 23);

this.button15.TabIndex = 15;

this.button15.Text = "=";

this.button15.UseVisualStyleBackColor = true;

this.button15.Click += new System.EventHandler(this.button15\_Click);

//

// button16

//

this.button16.Location = new System.Drawing.Point(358, 389);

this.button16.Name = "button16";

this.button16.Size = new System.Drawing.Size(75, 23);

this.button16.TabIndex = 16;

this.button16.Text = "Clear";

this.button16.UseVisualStyleBackColor = true;

//

// textBox1

//

this.textBox1.Location = new System.Drawing.Point(56, 31);

this.textBox1.Multiline = true;

this.textBox1.Name = "textBox1";

this.textBox1.Size = new System.Drawing.Size(335, 95);

this.textBox1.TabIndex = 17;

//

// Form1

//

this.AutoScaleDimensions = new System.Drawing.SizeF(6F, 13F);

this.AutoScaleMode = System.Windows.Forms.AutoScaleMode.Font;

this.ClientSize = new System.Drawing.Size(445, 450);

this.Controls.Add(this.textBox1);

this.Controls.Add(this.button16);

this.Controls.Add(this.button15);

this.Controls.Add(this.button14);

this.Controls.Add(this.button13);

this.Controls.Add(this.button12);

this.Controls.Add(this.button11);

this.Controls.Add(this.button10);

this.Controls.Add(this.button9);

this.Controls.Add(this.button8);

this.Controls.Add(this.button7);

this.Controls.Add(this.button6);

this.Controls.Add(this.button5);

this.Controls.Add(this.button4);

this.Controls.Add(this.button3);

this.Controls.Add(this.button2);

this.Controls.Add(this.button1);

this.Name = "Form1";

this.Text = "Form1";

this.ResumeLayout(false);

this.PerformLayout();

}

#endregion

private System.Windows.Forms.Button button1;

private System.Windows.Forms.Button button2;

private System.Windows.Forms.Button button3;

private System.Windows.Forms.Button button4;

private System.Windows.Forms.Button button5;

private System.Windows.Forms.Button button6;

private System.Windows.Forms.Button button7;

private System.Windows.Forms.Button button8;

private System.Windows.Forms.Button button9;

private System.Windows.Forms.Button button10;

private System.Windows.Forms.Button button11;

private System.Windows.Forms.Button button12;

private System.Windows.Forms.Button button13;

private System.Windows.Forms.Button button14;

private System.Windows.Forms.Button button15;

private System.Windows.Forms.Button button16;

private System.Windows.Forms.TextBox textBox1;

}

}

**Form1.cs**

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;

namespace \_1.Calculater

{

public partial class Form1 : Form

{

char op;

int t1, t2;

public Form1()

{

InitializeComponent();

}

private void Form1\_Load(object sender, EventArgs e)

{

}

private void button9\_Click(object sender, EventArgs e)

{

textBox1.Text += "9";

}

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

{

textBox1.Text += "1";

}

private void button2\_Click(object sender, EventArgs e)

{

textBox1.Text += "2";

}

private void button3\_Click(object sender, EventArgs e)

{

textBox1.Text += "3";

}

private void button4\_Click(object sender, EventArgs e)

{

textBox1.Text += "4";

}

private void button5\_Click(object sender, EventArgs e)

{

textBox1.Text += "5";

}

private void button6\_Click(object sender, EventArgs e)

{

textBox1.Text += "6";

}

private void button7\_Click(object sender, EventArgs e)

{

textBox1.Text += "7";

}

private void button8\_Click(object sender, EventArgs e)

{

textBox1.Text += "8";

}

private void button10\_Click(object sender, EventArgs e)

{

textBox1.Text += "0";

}

private void button11\_Click(object sender, EventArgs e)

{

t1 = Convert.ToInt32(textBox1.Text); textBox1.Text = " "; op = '+';

}

private void button12\_Click(object sender, EventArgs e)

{

t1 = Convert.ToInt32(textBox1.Text); textBox1.Text = " "; op = '-';

}

private void button13\_Click(object sender, EventArgs e)

{

t1 = Convert.ToInt32(textBox1.Text); textBox1.Text = " "; op = '\*';

}

private void button14\_Click(object sender, EventArgs e)

{

t1 = Convert.ToInt32(textBox1.Text); textBox1.Text = " "; op = '/';

}

private void button15\_Click(object sender, EventArgs e)

{

t2 = Convert.ToInt32(textBox1.Text);

switch (op)

{

case '+':

textBox1.Text = Convert.ToString(t1) + "+" + Convert.ToString(t2) + "=" + Convert.ToString(t1 +

t2);

break;

case '-':

textBox1.Text = Convert.ToString(t1) + "-" + Convert.ToString(t2) + "=" +

Convert.ToString(t1 - t2); break;

case '\*':

textBox1.Text = Convert.ToString(t1) + "\*" + Convert.ToString(t2) + "=" +

Convert.ToString(t1 \* t2); break;

case '/':

textBox1.Text = Convert.ToString(t1) + "/" + Convert.ToString(t2) + "=" +

Convert.ToString(t1 / t2); break;

}

}

private void button16\_Click(object sender, EventArgs e)

{

textBox1.Text = " ";

}

}

}

**=================**======2 Bank ======================

Bank.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace \_2\_Bank

{

public class Bank

{

public double bal;

public Bank()

{

bal = 0;

}

public double open(double openBal)

{

bal += openBal;

return bal;

}

public double deposit(double openBal)

{

bal += openBal;

return bal;

}

public double withdraw(double openBal)

{

bal -= openBal;

return bal;

}

public double check()

{

return bal;

}

}

}

FORM1.cs

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;

namespace \_2\_Bank

{

public partial class Form1 : Form

{

Bank bank = new Bank();

public Form1()

{

InitializeComponent();

}

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

{

MessageBox.Show("Opening Balance : "+ bank.open(Convert.ToDouble(textBox1.Text)));

textBox1.Clear();

button2.Visible = true;

button3.Visible = true;

button4.Visible = true;

}

private void button2\_Click(object sender, EventArgs e)

{

MessageBox.Show("Deposito Balance : " + bank.deposit(Convert.ToDouble(textBox1.Text)));

textBox1.Clear();

}

private void button3\_Click(object sender, EventArgs e)

{

MessageBox.Show("Check Balance : " + bank.check());

textBox1.Clear();

}

private void button4\_Click(object sender, EventArgs e)

{

MessageBox.Show("Withdraw Balance : " + bank.withdraw(Convert.ToDouble(textBox1.Text)));

textBox1.Clear();

}

}

}

Form1.Design.cs

namespace \_2\_Bank

{

partial class Form1

{

/// <summary>

/// Required designer variable.

/// </summary>

private System.ComponentModel.IContainer components = null;

/// <summary>

/// Clean up any resources being used.

/// </summary>

/// <param name="disposing">true if managed resources should be disposed; otherwise, false.</param>

protected override void Dispose(bool disposing)

{

if (disposing && (components != null))

{

components.Dispose();

}

base.Dispose(disposing);

}

#region Windows Form Designer generated code

/// <summary>

/// Required method for Designer support - do not modify

/// the contents of this method with the code editor.

/// </summary>

private void InitializeComponent()

{

this.label1 = new System.Windows.Forms.Label();

this.textBox1 = new System.Windows.Forms.TextBox();

this.button1 = new System.Windows.Forms.Button();

this.button2 = new System.Windows.Forms.Button();

this.button3 = new System.Windows.Forms.Button();

this.button4 = new System.Windows.Forms.Button();

this.SuspendLayout();

//

// label1

//

this.label1.AutoSize = true;

this.label1.Font = new System.Drawing.Font("Microsoft Sans Serif", 10F, System.Drawing.FontStyle.Regular, System.Drawing.GraphicsUnit.Point, ((byte)(0)));

this.label1.Location = new System.Drawing.Point(73, 96);

this.label1.Name = "label1";

this.label1.Size = new System.Drawing.Size(155, 17);

this.label1.TabIndex = 0;

this.label1.Text = "Enter Opening Balance";

//

// textBox1

//

this.textBox1.Location = new System.Drawing.Point(293, 84);

this.textBox1.Multiline = true;

this.textBox1.Name = "textBox1";

this.textBox1.Size = new System.Drawing.Size(204, 38);

this.textBox1.TabIndex = 1;

//

// button1

//

this.button1.Location = new System.Drawing.Point(76, 203);

this.button1.Name = "button1";

this.button1.Size = new System.Drawing.Size(75, 23);

this.button1.TabIndex = 2;

this.button1.Text = "Open";

this.button1.UseVisualStyleBackColor = true;

this.button1.Click += new System.EventHandler(this.button1\_Click);

//

// button2

//

this.button2.Location = new System.Drawing.Point(218, 203);

this.button2.Name = "button2";

this.button2.Size = new System.Drawing.Size(75, 23);

this.button2.TabIndex = 3;

this.button2.Text = "Deposit";

this.button2.UseVisualStyleBackColor = true;

this.button2.Visible = false;

this.button2.Click += new System.EventHandler(this.button2\_Click);

//

// button3

//

this.button3.Location = new System.Drawing.Point(391, 203);

this.button3.Name = "button3";

this.button3.Size = new System.Drawing.Size(75, 23);

this.button3.TabIndex = 4;

this.button3.Text = "Check Bal";

this.button3.UseVisualStyleBackColor = true;

this.button3.Visible = false;

this.button3.Click += new System.EventHandler(this.button3\_Click);

//

// button4

//

this.button4.Location = new System.Drawing.Point(563, 203);

this.button4.Name = "button4";

this.button4.Size = new System.Drawing.Size(75, 23);

this.button4.TabIndex = 5;

this.button4.Text = "withdraw";

this.button4.UseVisualStyleBackColor = true;

this.button4.Visible = false;

this.button4.Click += new System.EventHandler(this.button4\_Click);

//

// Form1

//

this.AutoScaleDimensions = new System.Drawing.SizeF(6F, 13F);

this.AutoScaleMode = System.Windows.Forms.AutoScaleMode.Font;

this.ClientSize = new System.Drawing.Size(800, 450);

this.Controls.Add(this.button4);

this.Controls.Add(this.button3);

this.Controls.Add(this.button2);

this.Controls.Add(this.button1);

this.Controls.Add(this.textBox1);

this.Controls.Add(this.label1);

this.Name = "Form1";

this.Text = "Form1";

this.ResumeLayout(false);

this.PerformLayout();

}

#endregion

private System.Windows.Forms.Label label1;

private System.Windows.Forms.TextBox textBox1;

private System.Windows.Forms.Button button1;

private System.Windows.Forms.Button button2;

private System.Windows.Forms.Button button3;

private System.Windows.Forms.Button button4;

}

}

**=========================3 sorted array============================**

**Form1.Design.cs**

namespace \_3\_array

{

partial class Form1

{

/// <summary>

/// Required designer variable.

/// </summary>

private System.ComponentModel.IContainer components = null;

/// <summary>

/// Clean up any resources being used.

/// </summary>

/// <param name="disposing">true if managed resources should be disposed; otherwise, false.</param>

protected override void Dispose(bool disposing)

{

if (disposing && (components != null))

{

components.Dispose();

}

base.Dispose(disposing);

}

#region Windows Form Designer generated code

/// <summary>

/// Required method for Designer support - do not modify

/// the contents of this method with the code editor.

/// </summary>

private void InitializeComponent()

{

this.textBox1 = new System.Windows.Forms.TextBox();

this.label1 = new System.Windows.Forms.Label();

this.button1 = new System.Windows.Forms.Button();

this.button2 = new System.Windows.Forms.Button();

this.label2 = new System.Windows.Forms.Label();

this.label3 = new System.Windows.Forms.Label();

this.SuspendLayout();

//

// textBox1

//

this.textBox1.Location = new System.Drawing.Point(317, 60);

this.textBox1.Multiline = true;

this.textBox1.Name = "textBox1";

this.textBox1.Size = new System.Drawing.Size(271, 32);

this.textBox1.TabIndex = 0;

this.textBox1.TextChanged += new System.EventHandler(this.textBox1\_TextChanged);

//

// label1

//

this.label1.AutoSize = true;

this.label1.Location = new System.Drawing.Point(103, 79);

this.label1.Name = "label1";

this.label1.Size = new System.Drawing.Size(129, 13);

this.label1.TabIndex = 1;

this.label1.Text = "Enter 10 Integer Elements";

//

// button1

//

this.button1.Location = new System.Drawing.Point(126, 172);

this.button1.Name = "button1";

this.button1.Size = new System.Drawing.Size(75, 23);

this.button1.TabIndex = 2;

this.button1.Text = "Create Array";

this.button1.UseVisualStyleBackColor = true;

this.button1.Click += new System.EventHandler(this.button1\_Click);

//

// button2

//

this.button2.Location = new System.Drawing.Point(547, 172);

this.button2.Name = "button2";

this.button2.Size = new System.Drawing.Size(75, 23);

this.button2.TabIndex = 3;

this.button2.Text = "Sort Array";

this.button2.UseVisualStyleBackColor = true;

this.button2.Click += new System.EventHandler(this.button2\_Click);

//

// label2

//

this.label2.AutoSize = true;

this.label2.Location = new System.Drawing.Point(202, 243);

this.label2.Name = "label2";

this.label2.Size = new System.Drawing.Size(0, 13);

this.label2.TabIndex = 4;

//

// label3

//

this.label3.AutoSize = true;

this.label3.Location = new System.Drawing.Point(205, 299);

this.label3.Name = "label3";

this.label3.Size = new System.Drawing.Size(0, 13);

this.label3.TabIndex = 5;

//

// Form1

//

this.AutoScaleDimensions = new System.Drawing.SizeF(6F, 13F);

this.AutoScaleMode = System.Windows.Forms.AutoScaleMode.Font;

this.ClientSize = new System.Drawing.Size(800, 450);

this.Controls.Add(this.label3);

this.Controls.Add(this.label2);

this.Controls.Add(this.button2);

this.Controls.Add(this.button1);

this.Controls.Add(this.label1);

this.Controls.Add(this.textBox1);

this.Name = "Form1";

this.Text = "Form1";

this.Load += new System.EventHandler(this.Form1\_Load);

this.ResumeLayout(false);

this.PerformLayout();

}

#endregion

private System.Windows.Forms.TextBox textBox1;

private System.Windows.Forms.Label label1;

private System.Windows.Forms.Button button1;

private System.Windows.Forms.Button button2;

private System.Windows.Forms.Label label2;

private System.Windows.Forms.Label label3;

}

}

**Form1.cs**

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;

namespace \_3\_array

{

public partial class Form1 : Form

{

int[] num;

public Form1()

{

InitializeComponent();

}

private void Form1\_Load(object sender, EventArgs e)

{

}

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

{

num = new int[10];

string s = textBox1.Text;

string[] a = s.Split(' ');

int c = 0;

foreach (string i in a)

{

num[c] = int.Parse(i);

c++;

}

label2.Text = "CReated Array is : ";

for (int i = 0; i < num.Length; i++)

label2.Text += " " + num[i].ToString();

}

private void button2\_Click(object sender, EventArgs e)

{

for (int i = 0; i < num.Length; i++)

for (int j = 0; j < i; j++)

{

if (num[j] > num[i])

{

int temp = num[j];

num[j] = num[i];

num[i] = temp;

}

}

label3.Text = "Soted Array : ";

for (int i = 0; i < num.Length; i++)

label3.Text += " " + num[i].ToString();

}

private void textBox1\_TextChanged(object sender, EventArgs e)

{

}

}

}

**====================4 sorted employee Details======================**

Employee.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace \_4\_\_\_employee

{

public class Employee {

public string name;

public int age;

public Employee(string name, int age)

{

this.name = name;

this.age = age;

}

}

}

**Form1.cs**

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;

namespace \_4\_\_\_employee

{

public partial class Form1 : Form

{

public Employee[] employees = new Employee[10];

int count = 0;

public Form1()

{

InitializeComponent();

}

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

{

employees[count] = new Employee(textBox1.Text, Convert.ToInt32(textBox2.Text));

count++;

textBox1.Text = "";

textBox2.Text = "";

}

private void button2\_Click(object sender, EventArgs e)

{

label3.Text = "";

for (int i = 0; i < count; i++)

label3.Text += "Name : " + employees[i].name + " , Age : " + employees[i].age+"\n";

}

}

}

**Form1.Design.cs**

namespace \_4\_\_\_employee

{

partial class Form1

{

/// <summary>

/// Required designer variable.

/// </summary>

private System.ComponentModel.IContainer components = null;

/// <summary>

/// Clean up any resources being used.

/// </summary>

/// <param name="disposing">true if managed resources should be disposed; otherwise, false.</param>

protected override void Dispose(bool disposing)

{

if (disposing && (components != null))

{

components.Dispose();

}

base.Dispose(disposing);

}

#region Windows Form Designer generated code

/// <summary>

/// Required method for Designer support - do not modify

/// the contents of this method with the code editor.

/// </summary>

private void InitializeComponent()

{

this.label1 = new System.Windows.Forms.Label();

this.label2 = new System.Windows.Forms.Label();

this.textBox1 = new System.Windows.Forms.TextBox();

this.textBox2 = new System.Windows.Forms.TextBox();

this.button1 = new System.Windows.Forms.Button();

this.button2 = new System.Windows.Forms.Button();

this.label3 = new System.Windows.Forms.Label();

this.SuspendLayout();

//

// label1

//

this.label1.AutoSize = true;

this.label1.Location = new System.Drawing.Point(100, 49);

this.label1.Name = "label1";

this.label1.Size = new System.Drawing.Size(44, 13);

this.label1.TabIndex = 0;

this.label1.Text = "Name : ";

//

// label2

//

this.label2.AutoSize = true;

this.label2.Location = new System.Drawing.Point(100, 129);

this.label2.Name = "label2";

this.label2.Size = new System.Drawing.Size(35, 13);

this.label2.TabIndex = 1;

this.label2.Text = "Age : ";

//

// textBox1

//

this.textBox1.Location = new System.Drawing.Point(313, 49);

this.textBox1.Name = "textBox1";

this.textBox1.Size = new System.Drawing.Size(100, 20);

this.textBox1.TabIndex = 2;

//

// textBox2

//

this.textBox2.Location = new System.Drawing.Point(313, 121);

this.textBox2.Name = "textBox2";

this.textBox2.Size = new System.Drawing.Size(100, 20);

this.textBox2.TabIndex = 3;

//

// button1

//

this.button1.Location = new System.Drawing.Point(103, 204);

this.button1.Name = "button1";

this.button1.Size = new System.Drawing.Size(75, 23);

this.button1.TabIndex = 4;

this.button1.Text = "Create";

this.button1.UseVisualStyleBackColor = true;

this.button1.Click += new System.EventHandler(this.button1\_Click);

//

// button2

//

this.button2.Location = new System.Drawing.Point(325, 203);

this.button2.Name = "button2";

this.button2.Size = new System.Drawing.Size(75, 23);

this.button2.TabIndex = 5;

this.button2.Text = "Show";

this.button2.UseVisualStyleBackColor = true;

this.button2.Click += new System.EventHandler(this.button2\_Click);

//

// label3

//

this.label3.AutoSize = true;

this.label3.Location = new System.Drawing.Point(170, 281);

this.label3.Name = "label3";

this.label3.Size = new System.Drawing.Size(0, 13);

this.label3.TabIndex = 6;

//

// Form1

//

this.AutoScaleDimensions = new System.Drawing.SizeF(6F, 13F);

this.AutoScaleMode = System.Windows.Forms.AutoScaleMode.Font;

this.ClientSize = new System.Drawing.Size(800, 450);

this.Controls.Add(this.label3);

this.Controls.Add(this.button2);

this.Controls.Add(this.button1);

this.Controls.Add(this.textBox2);

this.Controls.Add(this.textBox1);

this.Controls.Add(this.label2);

this.Controls.Add(this.label1);

this.Name = "Form1";

this.Text = "Form1";

this.ResumeLayout(false);

this.PerformLayout();

}

#endregion

private System.Windows.Forms.Label label1;

private System.Windows.Forms.Label label2;

private System.Windows.Forms.TextBox textBox1;

private System.Windows.Forms.TextBox textBox2;

private System.Windows.Forms.Button button1;

private System.Windows.Forms.Button button2;

private System.Windows.Forms.Label label3;

}

}

**=================**======5 Single Inheritance============

Form1.design.cs

namespace \_5\_\_\_single\_inhertance

{

partial class Form1

{

/// <summary>

/// Required designer variable.

/// </summary>

private System.ComponentModel.IContainer components = null;

/// <summary>

/// Clean up any resources being used.

/// </summary>

/// <param name="disposing">true if managed resources should be disposed; otherwise, false.</param>

protected override void Dispose(bool disposing)

{

if (disposing && (components != null))

{

components.Dispose();

}

base.Dispose(disposing);

}

#region Windows Form Designer generated code

/// <summary>

/// Required method for Designer support - do not modify

/// the contents of this method with the code editor.

/// </summary>

private void InitializeComponent()

{

this.label1 = new System.Windows.Forms.Label();

this.label2 = new System.Windows.Forms.Label();

this.label3 = new System.Windows.Forms.Label();

this.label4 = new System.Windows.Forms.Label();

this.label5 = new System.Windows.Forms.Label();

this.label6 = new System.Windows.Forms.Label();

this.label7 = new System.Windows.Forms.Label();

this.label8 = new System.Windows.Forms.Label();

this.textBox1 = new System.Windows.Forms.TextBox();

this.textBox2 = new System.Windows.Forms.TextBox();

this.textBox3 = new System.Windows.Forms.TextBox();

this.textBox4 = new System.Windows.Forms.TextBox();

this.textBox5 = new System.Windows.Forms.TextBox();

this.textBox6 = new System.Windows.Forms.TextBox();

this.button1 = new System.Windows.Forms.Button();

this.SuspendLayout();

//

// label1

//

this.label1.AutoSize = true;

this.label1.Location = new System.Drawing.Point(68, 9);

this.label1.Name = "label1";

this.label1.Size = new System.Drawing.Size(57, 13);

this.label1.TabIndex = 0;

this.label1.Text = "First Name";

//

// label2

//

this.label2.AutoSize = true;

this.label2.Location = new System.Drawing.Point(68, 44);

this.label2.Name = "label2";

this.label2.Size = new System.Drawing.Size(69, 13);

this.label2.TabIndex = 1;

this.label2.Text = "Middle Name";

//

// label3

//

this.label3.AutoSize = true;

this.label3.Location = new System.Drawing.Point(68, 87);

this.label3.Name = "label3";

this.label3.Size = new System.Drawing.Size(58, 13);

this.label3.TabIndex = 2;

this.label3.Text = "Last Name";

//

// label4

//

this.label4.AutoSize = true;

this.label4.Location = new System.Drawing.Point(68, 128);

this.label4.Name = "label4";

this.label4.Size = new System.Drawing.Size(68, 13);

this.label4.TabIndex = 3;

this.label4.Text = "Other Details";

//

// label5

//

this.label5.AutoSize = true;

this.label5.Location = new System.Drawing.Point(80, 168);

this.label5.Name = "label5";

this.label5.Size = new System.Drawing.Size(40, 13);

this.label5.TabIndex = 4;

this.label5.Text = "Course";

//

// label6

//

this.label6.AutoSize = true;

this.label6.Location = new System.Drawing.Point(80, 196);

this.label6.Name = "label6";

this.label6.Size = new System.Drawing.Size(29, 13);

this.label6.TabIndex = 5;

this.label6.Text = "Year";

//

// label7

//

this.label7.AutoSize = true;

this.label7.Location = new System.Drawing.Point(80, 222);

this.label7.Name = "label7";

this.label7.Size = new System.Drawing.Size(51, 13);

this.label7.TabIndex = 6;

this.label7.Text = "Semester";

//

// label8

//

this.label8.AutoSize = true;

this.label8.Font = new System.Drawing.Font("Microsoft Tai Le", 12F, System.Drawing.FontStyle.Regular, System.Drawing.GraphicsUnit.Point, ((byte)(0)));

this.label8.ForeColor = System.Drawing.SystemColors.HotTrack;

this.label8.Location = new System.Drawing.Point(188, 340);

this.label8.Name = "label8";

this.label8.Size = new System.Drawing.Size(0, 21);

this.label8.TabIndex = 7;

//

// textBox1

//

this.textBox1.Location = new System.Drawing.Point(296, 9);

this.textBox1.Name = "textBox1";

this.textBox1.Size = new System.Drawing.Size(100, 20);

this.textBox1.TabIndex = 8;

//

// textBox2

//

this.textBox2.Location = new System.Drawing.Point(296, 44);

this.textBox2.Name = "textBox2";

this.textBox2.Size = new System.Drawing.Size(100, 20);

this.textBox2.TabIndex = 9;

//

// textBox3

//

this.textBox3.Location = new System.Drawing.Point(296, 87);

this.textBox3.Name = "textBox3";

this.textBox3.Size = new System.Drawing.Size(100, 20);

this.textBox3.TabIndex = 10;

//

// textBox4

//

this.textBox4.Location = new System.Drawing.Point(296, 168);

this.textBox4.Name = "textBox4";

this.textBox4.Size = new System.Drawing.Size(100, 20);

this.textBox4.TabIndex = 11;

//

// textBox5

//

this.textBox5.Location = new System.Drawing.Point(296, 196);

this.textBox5.Name = "textBox5";

this.textBox5.Size = new System.Drawing.Size(100, 20);

this.textBox5.TabIndex = 12;

//

// textBox6

//

this.textBox6.Location = new System.Drawing.Point(296, 232);

this.textBox6.Name = "textBox6";

this.textBox6.Size = new System.Drawing.Size(100, 20);

this.textBox6.TabIndex = 13;

//

// button1

//

this.button1.Location = new System.Drawing.Point(296, 287);

this.button1.Name = "button1";

this.button1.Size = new System.Drawing.Size(75, 23);

this.button1.TabIndex = 14;

this.button1.Text = "button1";

this.button1.UseVisualStyleBackColor = true;

this.button1.Click += new System.EventHandler(this.button1\_Click);

//

// Form1

//

this.AutoScaleDimensions = new System.Drawing.SizeF(6F, 13F);

this.AutoScaleMode = System.Windows.Forms.AutoScaleMode.Font;

this.ClientSize = new System.Drawing.Size(800, 450);

this.Controls.Add(this.button1);

this.Controls.Add(this.textBox6);

this.Controls.Add(this.textBox5);

this.Controls.Add(this.textBox4);

this.Controls.Add(this.textBox3);

this.Controls.Add(this.textBox2);

this.Controls.Add(this.textBox1);

this.Controls.Add(this.label8);

this.Controls.Add(this.label7);

this.Controls.Add(this.label6);

this.Controls.Add(this.label5);

this.Controls.Add(this.label4);

this.Controls.Add(this.label3);

this.Controls.Add(this.label2);

this.Controls.Add(this.label1);

this.Name = "Form1";

this.Text = "Form1";

this.ResumeLayout(false);

this.PerformLayout();

}

#endregion

private System.Windows.Forms.Label label1;

private System.Windows.Forms.Label label2;

private System.Windows.Forms.Label label3;

private System.Windows.Forms.Label label4;

private System.Windows.Forms.Label label5;

private System.Windows.Forms.Label label6;

private System.Windows.Forms.Label label7;

private System.Windows.Forms.Label label8;

private System.Windows.Forms.TextBox textBox1;

private System.Windows.Forms.TextBox textBox2;

private System.Windows.Forms.TextBox textBox3;

private System.Windows.Forms.TextBox textBox4;

private System.Windows.Forms.TextBox textBox5;

private System.Windows.Forms.TextBox textBox6;

private System.Windows.Forms.Button button1;

}

}

**BasicInfo.cs**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace \_5\_\_\_single\_inhertance

{

class BasicInfo

{

public string firstName;

public string middleName;

public string lastName;

public BasicInfo() { }

public BasicInfo(string firstName, string middleName, string lastName)

{

this.firstName = firstName;

this.middleName = middleName;

this.lastName = lastName;

}

public string baseInfoToString()

{

return "Welcome " + firstName + " " + middleName + " " + lastName;

}

}

}

**AddInfo.cs**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace \_5\_\_\_single\_inhertance

{

class AddInfo:BasicInfo

{

public string course;

public int year;

public int sem;

public AddInfo() { }

public AddInfo(string firstName, string middleName, string lastName, string course, int year, int sem)

{

this.firstName = firstName;

this.middleName = middleName;

this.lastName = lastName;

this.course = course;

this.year = year;

this.sem = sem;

}

public string addInfoToString()

{

return "\nCourse Name : " + course + " Semester : " + sem + " Year : " + year;

}

}

}

Form1.cs

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;

namespace \_5\_\_\_single\_inhertance

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

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

{

AddInfo addInfo = new AddInfo(textBox1.Text, textBox2.Text, textBox3.Text, textBox4.Text, Convert.ToInt32(textBox5.Text), Convert.ToInt32(textBox6.Text));

label8.Text = addInfo.baseInfoToString()+" "+addInfo.addInfoToString();

}

}

}

=================== 6 Polymorphise=======================

Form1.design.cs

namespace \_6\_\_\_Polymorphism

{

partial class Form1

{

/// <summary>

/// Required designer variable.

/// </summary>

private System.ComponentModel.IContainer components = null;

/// <summary>

/// Clean up any resources being used.

/// </summary>

/// <param name="disposing">true if managed resources should be disposed; otherwise, false.</param>

protected override void Dispose(bool disposing)

{

if (disposing && (components != null))

{

components.Dispose();

}

base.Dispose(disposing);

}

#region Windows Form Designer generated code

/// <summary>

/// Required method for Designer support - do not modify

/// the contents of this method with the code editor.

/// </summary>

private void InitializeComponent()

{

this.label1 = new System.Windows.Forms.Label();

this.label2 = new System.Windows.Forms.Label();

this.textBox1 = new System.Windows.Forms.TextBox();

this.textBox2 = new System.Windows.Forms.TextBox();

this.button1 = new System.Windows.Forms.Button();

this.SuspendLayout();

//

// label1

//

this.label1.AutoSize = true;

this.label1.Location = new System.Drawing.Point(118, 77);

this.label1.Name = "label1";

this.label1.Size = new System.Drawing.Size(36, 13);

this.label1.TabIndex = 0;

this.label1.Text = "length";

//

// label2

//

this.label2.AutoSize = true;

this.label2.Location = new System.Drawing.Point(121, 126);

this.label2.Name = "label2";

this.label2.Size = new System.Drawing.Size(44, 13);

this.label2.TabIndex = 1;

this.label2.Text = "Breadth";

//

// textBox1

//

this.textBox1.Location = new System.Drawing.Point(298, 69);

this.textBox1.Name = "textBox1";

this.textBox1.Size = new System.Drawing.Size(100, 20);

this.textBox1.TabIndex = 2;

//

// textBox2

//

this.textBox2.Location = new System.Drawing.Point(298, 138);

this.textBox2.Name = "textBox2";

this.textBox2.Size = new System.Drawing.Size(100, 20);

this.textBox2.TabIndex = 3;

//

// button1

//

this.button1.Location = new System.Drawing.Point(227, 193);

this.button1.Name = "button1";

this.button1.Size = new System.Drawing.Size(75, 23);

this.button1.TabIndex = 4;

this.button1.Text = "Area";

this.button1.UseVisualStyleBackColor = true;

this.button1.Click += new System.EventHandler(this.button1\_Click);

//

// Form1

//

this.AutoScaleDimensions = new System.Drawing.SizeF(6F, 13F);

this.AutoScaleMode = System.Windows.Forms.AutoScaleMode.Font;

this.ClientSize = new System.Drawing.Size(800, 450);

this.Controls.Add(this.button1);

this.Controls.Add(this.textBox2);

this.Controls.Add(this.textBox1);

this.Controls.Add(this.label2);

this.Controls.Add(this.label1);

this.Name = "Form1";

this.Text = "Form1";

this.ResumeLayout(false);

this.PerformLayout();

}

#endregion

private System.Windows.Forms.Label label1;

private System.Windows.Forms.Label label2;

private System.Windows.Forms.TextBox textBox1;

private System.Windows.Forms.TextBox textBox2;

private System.Windows.Forms.Button button1;

}

}

Shape.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace \_6\_\_\_Polymorphism

{

abstract class Shape

{

public double length, breath;

public void set(double a =0.0 , double b =0.0)

{

length= a;

breath= b;

}

public abstract double getArea();

}

}

Reactangle.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace \_6\_\_\_Polymorphism

{

class Rectangle : Shape

{

public override double getArea()

{

return length \* breath;

}

}

}

Form1.cs

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;

namespace \_6\_\_\_Polymorphism

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

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

{

Rectangle rectangle = new Rectangle();

rectangle.set(Convert.ToDouble(textBox1.Text), Convert.ToDouble(textBox2.Text));

MessageBox.Show("Area Of Reactangle : " + rectangle.getArea());

}

}

}

================= 7 Ragistration Form====================

Form1.Desing.css

namespace \_7\_\_\_Registration\_Form

{

partial class Form1

{

/// <summary>

/// Required designer variable.

/// </summary>

private System.ComponentModel.IContainer components = null;

/// <summary>

/// Clean up any resources being used.

/// </summary>

/// <param name="disposing">true if managed resources should be disposed; otherwise, false.</param>

protected override void Dispose(bool disposing)

{

if (disposing && (components != null))

{

components.Dispose();

}

base.Dispose(disposing);

}

#region Windows Form Designer generated code

/// <summary>

/// Required method for Designer support - do not modify

/// the contents of this method with the code editor.

/// </summary>

private void InitializeComponent()

{

this.label1 = new System.Windows.Forms.Label();

this.label2 = new System.Windows.Forms.Label();

this.label3 = new System.Windows.Forms.Label();

this.label4 = new System.Windows.Forms.Label();

this.label5 = new System.Windows.Forms.Label();

this.label6 = new System.Windows.Forms.Label();

this.label7 = new System.Windows.Forms.Label();

this.label8 = new System.Windows.Forms.Label();

this.label9 = new System.Windows.Forms.Label();

this.label10 = new System.Windows.Forms.Label();

this.label11 = new System.Windows.Forms.Label();

this.button1 = new System.Windows.Forms.Button();

this.textBox1 = new System.Windows.Forms.TextBox();

this.textBox2 = new System.Windows.Forms.TextBox();

this.textBox3 = new System.Windows.Forms.TextBox();

this.textBox4 = new System.Windows.Forms.TextBox();

this.dateTimePicker1 = new System.Windows.Forms.DateTimePicker();

this.radioButton1 = new System.Windows.Forms.RadioButton();

this.radioButton2 = new System.Windows.Forms.RadioButton();

this.radioButton3 = new System.Windows.Forms.RadioButton();

this.checkedListBox1 = new System.Windows.Forms.CheckedListBox();

this.backgroundWorker1 = new System.ComponentModel.BackgroundWorker();

this.Dara = new System.Windows.Forms.ComboBox();

this.comboBox2 = new System.Windows.Forms.ComboBox();

this.comboBox3 = new System.Windows.Forms.ComboBox();

this.SuspendLayout();

//

// label1

//

this.label1.AutoSize = true;

this.label1.Font = new System.Drawing.Font("MingLiU\_HKSCS-ExtB", 14F, System.Drawing.FontStyle.Bold, System.Drawing.GraphicsUnit.Point, ((byte)(0)));

this.label1.Location = new System.Drawing.Point(203, 9);

this.label1.Name = "label1";

this.label1.Size = new System.Drawing.Size(284, 19);

this.label1.TabIndex = 0;

this.label1.Text = "Student Registration Form";

//

// label2

//

this.label2.AutoSize = true;

this.label2.Location = new System.Drawing.Point(13, 54);

this.label2.Name = "label2";

this.label2.Size = new System.Drawing.Size(35, 13);

this.label2.TabIndex = 1;

this.label2.Text = "Name";

//

// label3

//

this.label3.AutoSize = true;

this.label3.Location = new System.Drawing.Point(12, 93);

this.label3.Name = "label3";

this.label3.Size = new System.Drawing.Size(56, 13);

this.label3.TabIndex = 2;

this.label3.Text = "Student Id";

//

// label4

//

this.label4.AutoSize = true;

this.label4.Location = new System.Drawing.Point(13, 137);

this.label4.Name = "label4";

this.label4.Size = new System.Drawing.Size(44, 13);

this.label4.TabIndex = 3;

this.label4.Text = "Email Id";

//

// label5

//

this.label5.AutoSize = true;

this.label5.Location = new System.Drawing.Point(13, 186);

this.label5.Name = "label5";

this.label5.Size = new System.Drawing.Size(68, 13);

this.label5.TabIndex = 4;

this.label5.Text = "Date Of Birth";

//

// label6

//

this.label6.AutoSize = true;

this.label6.Location = new System.Drawing.Point(13, 233);

this.label6.Name = "label6";

this.label6.Size = new System.Drawing.Size(45, 13);

this.label6.TabIndex = 5;

this.label6.Text = "Address";

this.label6.Click += new System.EventHandler(this.label6\_Click);

//

// label7

//

this.label7.AutoSize = true;

this.label7.Location = new System.Drawing.Point(12, 291);

this.label7.Name = "label7";

this.label7.Size = new System.Drawing.Size(42, 13);

this.label7.TabIndex = 6;

this.label7.Text = "Gender";

//

// label8

//

this.label8.AutoSize = true;

this.label8.Location = new System.Drawing.Point(376, 58);

this.label8.Name = "label8";

this.label8.Size = new System.Drawing.Size(40, 13);

this.label8.TabIndex = 7;

this.label8.Text = "Course";

//

// label9

//

this.label9.AutoSize = true;

this.label9.Location = new System.Drawing.Point(376, 102);

this.label9.Name = "label9";

this.label9.Size = new System.Drawing.Size(40, 13);

this.label9.TabIndex = 8;

this.label9.Text = "Stream";

//

// label10

//

this.label10.AutoSize = true;

this.label10.Location = new System.Drawing.Point(376, 145);

this.label10.Name = "label10";

this.label10.Size = new System.Drawing.Size(29, 13);

this.label10.TabIndex = 9;

this.label10.Text = "Year";

this.label10.Click += new System.EventHandler(this.label10\_Click);

//

// label11

//

this.label11.AutoSize = true;

this.label11.Location = new System.Drawing.Point(376, 186);

this.label11.Name = "label11";

this.label11.Size = new System.Drawing.Size(65, 13);

this.label11.TabIndex = 10;

this.label11.Text = "Qualification";

//

// button1

//

this.button1.Location = new System.Drawing.Point(281, 368);

this.button1.Name = "button1";

this.button1.Size = new System.Drawing.Size(75, 23);

this.button1.TabIndex = 11;

this.button1.Text = "Submit";

this.button1.UseVisualStyleBackColor = true;

this.button1.Click += new System.EventHandler(this.button1\_Click);

//

// textBox1

//

this.textBox1.Location = new System.Drawing.Point(115, 51);

this.textBox1.Name = "textBox1";

this.textBox1.Size = new System.Drawing.Size(100, 20);

this.textBox1.TabIndex = 12;

//

// textBox2

//

this.textBox2.Location = new System.Drawing.Point(115, 90);

this.textBox2.Name = "textBox2";

this.textBox2.Size = new System.Drawing.Size(100, 20);

this.textBox2.TabIndex = 13;

//

// textBox3

//

this.textBox3.Location = new System.Drawing.Point(115, 130);

this.textBox3.Name = "textBox3";

this.textBox3.Size = new System.Drawing.Size(100, 20);

this.textBox3.TabIndex = 14;

//

// textBox4

//

this.textBox4.Location = new System.Drawing.Point(115, 215);

this.textBox4.Multiline = true;

this.textBox4.Name = "textBox4";

this.textBox4.Size = new System.Drawing.Size(162, 51);

this.textBox4.TabIndex = 15;

//

// dateTimePicker1

//

this.dateTimePicker1.Location = new System.Drawing.Point(115, 167);

this.dateTimePicker1.Name = "dateTimePicker1";

this.dateTimePicker1.Size = new System.Drawing.Size(200, 20);

this.dateTimePicker1.TabIndex = 16;

//

// radioButton1

//

this.radioButton1.AutoSize = true;

this.radioButton1.Location = new System.Drawing.Point(115, 291);

this.radioButton1.Name = "radioButton1";

this.radioButton1.Size = new System.Drawing.Size(48, 17);

this.radioButton1.TabIndex = 17;

this.radioButton1.TabStop = true;

this.radioButton1.Text = "Male";

this.radioButton1.UseVisualStyleBackColor = true;

//

// radioButton2

//

this.radioButton2.AutoSize = true;

this.radioButton2.Location = new System.Drawing.Point(181, 289);

this.radioButton2.Name = "radioButton2";

this.radioButton2.Size = new System.Drawing.Size(59, 17);

this.radioButton2.TabIndex = 18;

this.radioButton2.TabStop = true;

this.radioButton2.Text = "Female";

this.radioButton2.UseVisualStyleBackColor = true;

//

// radioButton3

//

this.radioButton3.AutoSize = true;

this.radioButton3.Location = new System.Drawing.Point(259, 291);

this.radioButton3.Name = "radioButton3";

this.radioButton3.Size = new System.Drawing.Size(56, 17);

this.radioButton3.TabIndex = 19;

this.radioButton3.TabStop = true;

this.radioButton3.Text = "Others";

this.radioButton3.UseVisualStyleBackColor = true;

//

// checkedListBox1

//

this.checkedListBox1.FormattingEnabled = true;

this.checkedListBox1.Items.AddRange(new object[] {

"SSC",

"HSC",

"Deplome",

"Bacleore"});

this.checkedListBox1.Location = new System.Drawing.Point(486, 186);

this.checkedListBox1.Name = "checkedListBox1";

this.checkedListBox1.Size = new System.Drawing.Size(120, 94);

this.checkedListBox1.TabIndex = 20;

this.checkedListBox1.SelectedIndexChanged += new System.EventHandler(this.checkedListBox1\_SelectedIndexChanged);

//

// Dara

//

this.Dara.FormattingEnabled = true;

this.Dara.Items.AddRange(new object[] {

"MCA",

"Pharmse",

"BTeach"});

this.Dara.Location = new System.Drawing.Point(485, 58);

this.Dara.Name = "Dara";

this.Dara.Size = new System.Drawing.Size(121, 21);

this.Dara.TabIndex = 21;

//

// comboBox2

//

this.comboBox2.FormattingEnabled = true;

this.comboBox2.Items.AddRange(new object[] {

"Science",

"Commers",

"Art"});

this.comboBox2.Location = new System.Drawing.Point(485, 102);

this.comboBox2.Name = "comboBox2";

this.comboBox2.Size = new System.Drawing.Size(121, 21);

this.comboBox2.TabIndex = 22;

//

// comboBox3

//

this.comboBox3.FormattingEnabled = true;

this.comboBox3.Items.AddRange(new object[] {

"2020",

"2019",

"2018",

"2017",

"2016",

"2015"});

this.comboBox3.Location = new System.Drawing.Point(485, 142);

this.comboBox3.Name = "comboBox3";

this.comboBox3.Size = new System.Drawing.Size(121, 21);

this.comboBox3.TabIndex = 23;

//

// Form1

//

this.AutoScaleDimensions = new System.Drawing.SizeF(6F, 13F);

this.AutoScaleMode = System.Windows.Forms.AutoScaleMode.Font;

this.BackColor = System.Drawing.Color.White;

this.ClientSize = new System.Drawing.Size(800, 450);

this.Controls.Add(this.comboBox3);

this.Controls.Add(this.comboBox2);

this.Controls.Add(this.Dara);

this.Controls.Add(this.checkedListBox1);

this.Controls.Add(this.radioButton3);

this.Controls.Add(this.radioButton2);

this.Controls.Add(this.radioButton1);

this.Controls.Add(this.dateTimePicker1);

this.Controls.Add(this.textBox4);

this.Controls.Add(this.textBox3);

this.Controls.Add(this.textBox2);

this.Controls.Add(this.textBox1);

this.Controls.Add(this.button1);

this.Controls.Add(this.label11);

this.Controls.Add(this.label10);

this.Controls.Add(this.label9);

this.Controls.Add(this.label8);

this.Controls.Add(this.label7);

this.Controls.Add(this.label6);

this.Controls.Add(this.label5);

this.Controls.Add(this.label4);

this.Controls.Add(this.label3);

this.Controls.Add(this.label2);

this.Controls.Add(this.label1);

this.Name = "Form1";

this.Text = "Form1";

this.ResumeLayout(false);

this.PerformLayout();

}

#endregion

private System.Windows.Forms.Label label1;

private System.Windows.Forms.Label label2;

private System.Windows.Forms.Label label3;

private System.Windows.Forms.Label label4;

private System.Windows.Forms.Label label5;

private System.Windows.Forms.Label label6;

private System.Windows.Forms.Label label7;

private System.Windows.Forms.Label label8;

private System.Windows.Forms.Label label9;

private System.Windows.Forms.Label label10;

private System.Windows.Forms.Label label11;

private System.Windows.Forms.Button button1;

private System.Windows.Forms.TextBox textBox1;

private System.Windows.Forms.TextBox textBox2;

private System.Windows.Forms.TextBox textBox3;

private System.Windows.Forms.TextBox textBox4;

private System.Windows.Forms.DateTimePicker dateTimePicker1;

private System.Windows.Forms.RadioButton radioButton1;

private System.Windows.Forms.RadioButton radioButton2;

private System.Windows.Forms.RadioButton radioButton3;

private System.Windows.Forms.CheckedListBox checkedListBox1;

private System.ComponentModel.BackgroundWorker backgroundWorker1;

private System.Windows.Forms.ComboBox Dara;

private System.Windows.Forms.ComboBox comboBox2;

private System.Windows.Forms.ComboBox comboBox3;

}

}

**Form1.cs**

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;

namespace \_7\_\_\_Registration\_Form

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

private void label6\_Click(object sender, EventArgs e)

{

}

private void label10\_Click(object sender, EventArgs e)

{

}

private void checkedListBox1\_SelectedIndexChanged(object sender, EventArgs e)

{

}

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

{

MessageBox.Show("Successfully Register");

}

}

}

================= 8 Validation====================

<%@ Page Title="Home Page" Language="C#" AutoEventWireup="true" CodeBehind="Default.aspx.cs" Inherits="\_8\_\_\_Validation.\_Default" %>

<form id="form1" runat="server">

<div style="height: 529px; width: 831px">

<br />

<center>

<asp:Label ID="Label6" runat="server" Text="Registration" Font-Size="20pt"></asp:Label>

</center>

<br />

<br />

<asp:Label ID="Label7" runat="server" Font-Size="18pt" Text="Name: "></asp:Label>

<asp:TextBox ID="TextBox1" runat="server" Width="382px">

</asp:TextBox>

<asp:RequiredFieldValidator ID="RequiredFieldValidator1" runat="server"

ControlToValidate="TextBox1" ErrorMessage="Please enter name!">

</asp:RequiredFieldValidator>

<br />

<br />

<asp:Label ID="Label8" runat="server" Font-Size="18pt" Text="Address: "></asp:Label>

<asp:TextBox ID="TextBox2" runat="server" Width="382px" Height="53px" Rows="3" TextMode="MultiLine">

</asp:TextBox>

<asp:RequiredFieldValidator ID="RequiredFieldValidator2" runat="server"

ControlToValidate="TextBox2" ErrorMessage="Please enter address">

</asp:RequiredFieldValidator>

<br />

<br />

<asp:Label ID="Label9" runat="server" Font-Size="18pt" Text="Phone: "></asp:Label>

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:TextBox ID="TextBox3" runat="server" Width="382px" MaxLength="10">

</asp:TextBox>

<asp:RequiredFieldValidator ID="RequiredFieldValidator4" runat="server"

ControlToValidate="TextBox3" ErrorMessage="Please enter phone number!">

</asp:RequiredFieldValidator>

<br />

<br />

<asp:Label ID="Label10" runat="server" Font-Size="18pt" Text="Age: "></asp:Label>

<asp:TextBox ID="TextBox4" runat="server" Width="382px">

</asp:TextBox>

<asp:RangeValidator ID="RangeValidator2" runat="server"

ControlToValidate="TextBox4" ErrorMessage="Please enter age between 18-60"

MaximumValue="60" MinimumValue="18" Type="Integer">

</asp:RangeValidator>

<br />

<br />

<asp:Label ID="Label11" runat="server" Font-Size="18pt" Text="Email: "></asp:Label>

<asp:TextBox ID="TextBox5" runat="server" Width="382px"></asp:TextBox>

<asp:RegularExpressionValidator ID="RegularExpressionValidator1" runat="server"

ControlToValidate="TextBox5" ErrorMessage="Please enter correct email id!"

ValidationExpression="\w+([-+.']\w+)\*@\w+([-.]\w+)\*\.\w+([-.]\w+)\*">

</asp:RegularExpressionValidator>

<br />

<br />

<asp:Label ID="Label12" runat="server" Font-Size="18pt" Text="Password: "></asp:Label>

&nbsp;<asp:TextBox ID="TextBox6" runat="server" Width="382px" TextMode="Password"></asp:TextBox>

<asp:RequiredFieldValidator ID="RequiredFieldValidator3" runat="server"

ControlToValidate="TextBox1" ErrorMessage="Please enter password!">

</asp:RequiredFieldValidator>

<br />

<br />

<asp:Label ID="Label13" runat="server" Font-Size="18pt" Text="Re-Password: "></asp:Label>

<asp:TextBox ID="TextBox7" runat="server" Width="347px" TextMode="Password">

</asp:TextBox>

<asp:CompareValidator ID="CompareValidator1" runat="server" ControlToCompare="TextBox6" ControlToValidate="TextBox7" ErrorMessage="Password not matching!"></asp:CompareValidator>

<br />

<br />

<asp:Button ID="Button1" runat="server" Text="Submit" Font-Size="18pt" />

<br />

<br />

</div>

</form>

**========================9 Mastre Skin And Them=====================**

MasterPage.Master

<%@ Master Language="C#" AutoEventWireup="true" CodeBehind="MasterPage.Master.cs" Inherits="\_9\_\_\_Master\_and\_themes\_and\_skin.First" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"

"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head runat="server">

<title></title>

<link href="App\_Themes/Theme1/Style.css" rel="stylesheet" type="text/css" />

<asp:ContentPlaceHolder ID="head" runat="server">

</asp:ContentPlaceHolder>

</head>

<body>

<form id="form1" runat="server">

<div class="wrapper">

<div class="menu">

<ul>

<li><a href="home.aspx">Home Page</a></li>

<li><a href="category.aspx">Category</a></li>

<li><a href="about.aspx">About Us</a></li>

</ul>

</div>

<div class="content">

<asp:ContentPlaceHolder ID="ContentPlaceHolder1" runat="server">

</asp:ContentPlaceHolder>

</div>

<div class="footer">

<center>

<h1>Copyright @viva.com</h1>

</center>

</div>

</div>

</form>

</body>

</html>

MasterPage2.master

<%@ Master Language="C#" AutoEventWireup="true" CodeBehind="MasterPage2.master.cs" Inherits="\_9\_\_\_Master\_and\_themes\_and\_skin.MasterPage2" MasterPageFile="~/MasterPage.Master" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="Server"></asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="Server">

This is a nested master page!

</asp:Content>

**home.aspx**

<%@ Page Language="C#" AutoEventWireup="true" MasterPageFile="~/MasterPage.Master" CodeBehind="home.aspx.cs" Inherits="\_9\_\_\_Master\_and\_themes\_and\_skin.home" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="Server"></asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="Server">

Welcome to viva!

<br />

<br />

<asp:Label ID="Label1" runat="server" Text="Label">Name: </asp:Label>

&nbsp;

<asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>

<br />

<br />

<asp:Button ID="Button1" runat="server" Text="Submit" />

<br />

</asp:Content>

**about.aspx**

<%@ Page Language="C#" AutoEventWireup="true" MasterPageFile="~/MasterPage.Master" CodeBehind="about.aspx.cs" Inherits="\_9\_\_\_Master\_and\_themes\_and\_skin.about" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="Server"></asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="Server">

<center>

<h3>About Viva!</h3>

</center>

<asp:Button ID="Button1" runat="server" Text="About" />

</asp:Content>

category.aspx

<%@ Page Language="C#" AutoEventWireup="true" MasterPageFile="~/MasterPage.Master" CodeBehind="category.aspx.cs" Inherits="\_9\_\_\_Master\_and\_themes\_and\_skin.category" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="Server"></asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="Server">

<center>

<h3>Categories Viva!</h3>

</center>

<asp:Button ID="Button1" runat="server" Text="Categories" />

<asp:DropDownList ID="DropDownList1" runat="server">

<asp:ListItem>MBA</asp:ListItem>

<asp:ListItem>MCA</asp:ListItem>

</asp:DropDownList>

</asp:Content>

**APP\_thems/Themss1/Style.css**

body {

background-color: #d5f5dc;

font-family: Times New Roman;

font-size: 14px;

}

.footer {

background-color: Lime;

height: 50px;

position: relative;

top: 450px;

margin: 0px 0px 10px;

padding: 5px;

color: Black;

}

================= 10 Student CRUD ====================

Student.aspx

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="StudentInfo.aspx.cs" Inherits="\_10\_\_\_StudentInfo.StudentInfo" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">

<head runat="server">

<title></title>

</head>

<body>

<form id="form1" runat="server">

<div style="background-color: cadetblue">

<center>

<h2>Student Info</h2>

</center>

<asp:Label ID="Label1" runat="server" Text="Name:" Font- Bold="True" Font-Size="15pt"></asp:Label>

&nbsp;&nbsp;&nbsp;<asp:TextBox ID="TextBox1" runat="server" Font- Bold="True" Font-Size="15pt"></asp:TextBox>

<br />

<br />

<asp:Label ID="Label2" runat="server" Text="RollNo:" FontBold="True" Font- Size="15pt"></asp:Label>

&nbsp;<asp:TextBox ID="TextBox2" runat="server" Font-Bold="True" Font- Size="15pt"></asp:TextBox>

<br />

<br />

<asp:Label ID="Label3" runat="server" Text="Sem:" Font- Bold="True" Font-Size="15pt"></asp:Label>

&nbsp;&nbsp;&nbsp;&nbsp; &nbsp;<asp:TextBox ID="TextBox3" runat="server" Font-Bold="True" Font-Size="15pt"></asp:TextBox>

<br />

<br />

<asp:Button ID="Button1" runat="server" Font-Bold="True" OnClick="Button1\_Click" Text="Select" Font-Size="15pt" />

&nbsp;

<asp:Button ID="Button2" runat="server" Font-Bold="True" Text="Insert" Font-Size="15pt" OnClick="Button2\_Click" />

&nbsp;

<asp:Button ID="Button3" runat="server" Font-Bold="True" Text="Update" Font-Size="15pt" OnClick="Button3\_Click" />

&nbsp;

<asp:Button ID="Button4" runat="server" Font-Bold="True" Text="Delete" Font-Size="15pt" OnClick="Button4\_Click" />

<br />

<br />

<asp:Label ID="Label4" runat="server" Text="Roll No" Font- Bold="True" Font-Size="15pt"></asp:Label>

&nbsp;

<asp:Label ID="Label5" runat="server" Text="Name" Font- Bold="True" Font-Size="15pt"></asp:Label>

&nbsp;

<asp:Label ID="Label6" runat="server" Text="Sem" Font- Bold="True" Font-Size="15pt"></asp:Label>

<br />

<br />

<asp:Label ID="Label7" runat="server" Font-Bold="True" FontSize="15pt" Text="Label" Visible="False"></asp:Label>

</div>

</form>

</body>

</html>

StudentInfo.aspx.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Data.SqlClient;

namespace \_10\_\_\_StudentInfo

{

public partial class StudentInfo : System.Web.UI.Page

{

SqlConnection con = new SqlConnection();

SqlDataReader dr;

SqlCommand cmd;

protected void Page\_Load(object sender, EventArgs e)

{

con.ConnectionString = @"Data Source = (localdb)\MSSQLLocalDB; Initial Catalog = Student\_10; Integrated Security = True; Connect Timeout = 30; Encrypt = False; TrustServerCertificate = False; ApplicationIntent = ReadWrite; MultiSubnetFailover = False";

con.Open();

}

protected void Button1\_Click(object sender, EventArgs e)

{

int roll = Convert.ToInt16(TextBox2.Text);

cmd = new SqlCommand("select \* from Student where RollNo='" + roll + "'", con); dr = cmd.ExecuteReader();

Label4.Visible = true; Label5.Visible = true; Label6.Visible = true; Label7.Visible = false; if (dr.Read())

{

Label4.Text = dr[0].ToString();

Label5.Text = dr[1].ToString(); Label6.Text = dr[2].ToString();

}

dr.Close();

}

protected void Button2\_Click(object sender, EventArgs e)

{

string nm, sem; int roll;

nm = TextBox1.Text;

roll = Convert.ToInt16(TextBox2.Text); sem = TextBox3.Text;

string qry = "insert into Student(Name,RollNo,Sem)values('" + nm + "'," + roll + ",'" + sem + "')";

cmd = new SqlCommand(qry, con); cmd.ExecuteNonQuery(); Label7.Visible = true; Label7.Text = "data inserted sucessfully"; Label4.Visible = false;

Label5.Visible = false; Label6.Visible = false;

}

protected void Button3\_Click(object sender, EventArgs e)

{

string nm, sem; int roll;

nm = TextBox1.Text;

roll = Convert.ToInt16(TextBox2.Text); sem = TextBox3.Text;

cmd = new SqlCommand("update Student set Name='" + nm + "',Sem='" + sem + "' where RollNo='" + roll + "'", con);

cmd.ExecuteNonQuery(); Label7.Visible = true;

Label7.Text = "data updated sucessfully"; Label4.Visible = false;

Label5.Visible = false; Label6.Visible = false;

}

protected void Button4\_Click(object sender, EventArgs e)

{

int roll = Convert.ToInt16(TextBox2.Text);

cmd = new SqlCommand("delete from Student where RollNo='" + roll + "'", con);

cmd.ExecuteNonQuery(); Label7.Visible = true;

Label7.Text = "data deleted sucessfully"; Label4.Visible = false;

Label5.Visible = false; Label6.Visible = false;

}

}

}

Database

CREATE TABLE Student

(

[RollNo] INT NOT NULL PRIMARY KEY,

[Name] NCHAR(255) NOT NULL,

[Sem] NCHAR(50) NULL

)

================= 11 MCQ ====================

MCQ.aspx

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Mcq.aspx.cs" Inherits="\_11\_\_\_MCQ.Mcq" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head runat="server">

<title></title>

</head>

<body>

<form id="form1" runat="server">

<div>

<asp:Label ID="Label5" runat="server" Font-Bold="True" FontUnderline="True" Text="Quiz Compatation"></asp:Label>

<br />

<br />

<asp:Label ID="Label1" runat="server" Text="Q.1]National animal of India?"></asp:Label>

<br />

<br />

<asp:RadioButton ID="RadioButton1" runat="server" Text="Lion" GroupName ="animal"/>

&nbsp;

<asp:RadioButton ID="RadioButton3" runat="server" Text="Dog" GroupName ="animal"/>

<br />

<asp:RadioButton ID="RadioButton2" runat="server" Text="Tiger" GroupName ="animal"/>

&nbsp;<asp:RadioButton ID="RadioButton4" runat="server" Text="Deer" GroupName ="animal"/>

<br />

<br />

<asp:Label ID="Label2" runat="server" Text="Q.2]National bird of India?"></asp:Label>

<br />

<br />

<asp:RadioButton ID="RadioButton5" runat="server" Text="Peacock" GroupName ="bird" />

&nbsp;

<asp:RadioButton ID="RadioButton7" runat="server" Text="Eagle" GroupName ="bird"/>

<br />

<asp:RadioButton ID="RadioButton6" runat="server" Text="Crow" GroupName ="bird"/>

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:RadioButton ID="RadioButton8" runat="server" Text="Kite" GroupName ="bird"/>

<br />

<br />

<asp:Label ID="Label3" runat="server" Text="Q.3]National fruit of India?"></asp:Label>

<br />

<br />

<asp:RadioButton ID="RadioButton9" runat="server" Text="Apple" GroupName ="fruit"/>

&nbsp;&nbsp;

<asp:RadioButton ID="RadioButton12" runat="server" Text="Cherry" GroupName ="fruit"/>

<br />

<asp:RadioButton ID="RadioButton10" runat="server" Text="Mango" GroupName ="fruit"/>

&nbsp;<asp:RadioButton ID="RadioButton11" runat="server" Text="Orange" GroupName ="fruit"/>

<br />

<br />

<asp:Label ID="Label4" runat="server" Text="Q.4]National tree of India?"></asp:Label>

<br />

<br />

<asp:RadioButton ID="RadioButton13" runat="server" Text="Neem Tree" GroupName ="tree"/>

&nbsp;&nbsp;&nbsp;

<asp:RadioButton ID="RadioButton16" runat="server" Text="Peepal Tree" GroupName ="tree"/>

<br />

<asp:RadioButton ID="RadioButton14" runat="server" Text="Banyan Tree" GroupName ="tree"/>

&nbsp;

<asp:RadioButton ID="RadioButton15" runat="server" Text="Mango Tree" GroupName ="tree"/>

<br />

<br />

<asp:Button ID="Button1" runat="server" Font-Bold="True" OnClick="Button1\_Click" Text="Submit" style="height: 26px" />

<br />

<br />

<asp:Label ID="Label6" runat="server" Text="Label"></asp:Label>

</div>

</form>

</body>

</html>

Mcq.aspx.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Data;

using System.Data.SqlClient;

namespace \_11\_\_\_MCQ

{

public partial class Mcq : System.Web.UI.Page

{

SqlConnection con = new SqlConnection();

protected void Page\_Load(object sender, EventArgs e)

{

con.ConnectionString = @"Data Source=(localdb)\MSSQLLocalDB;Initial Catalog=MCQ;Integrated Security=True;Connect Timeout=30;Encrypt=False;TrustServerCertificate=False;ApplicationIntent=ReadWrite;MultiSubnetFailover=False";

con.Open();

}

protected void Button1\_Click(object sender, EventArgs e)

{

string q = "select answer from quiz";

SqlCommand cm = new SqlCommand(q, con);

SqlDataAdapter da = new SqlDataAdapter(cm);

DataTable dt = new DataTable();

da.Fill(dt);

int count = 0;

foreach (DataRow row in dt.Rows)

{

if (RadioButton2.Checked)

{

if (RadioButton2.Text.Equals(row["answer"].ToString().Trim()))

{ count++; }

}

if (RadioButton5.Checked)

{

if (RadioButton5.Text.Equals(row["answer"].ToString().Trim()))

{ count++; }

}

if (RadioButton10.Checked)

{

if (RadioButton10.Text.Equals(row["answer"].ToString().Trim()))

{ count++; }

}

if (RadioButton14.Checked)

{

if (RadioButton14.Text.Equals(row["answer"].ToString().Trim()))

{ count++; }

}

}

string a = "abc";

string b = "abc";

Label6.Text = "Results is: " + (a==b)+" = "+a.Equals(b)+" = "+count;

con.Close();

}

}

}

Database

CREATE TABLE quiz

(

[Id] INT NOT NULL PRIMARY KEY,

[answer] NCHAR(255) NOT NULL

)

INSERT INTO [dbo].[quiz] ([Id], [answer]) VALUES (1, Tiger')

INSERT INTO [dbo].[quiz] ([Id], [answer]) VALUES (2, 'Peacock')

INSERT INTO [dbo].[quiz] ([Id], [answer]) VALUES (3, 'Mango')

INSERT INTO [dbo].[quiz] ([Id], [answer]) VALUES (4, 'Banyan Tree')

======12 - LinqToSQLClass Course and Product CRUD =======

.aspx

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs" Inherits="\_12\_\_\_LinqToSQLClass\_Course\_and\_Product\_CRUD.WebForm1" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head runat="server">

<title></title>

</head>

<body>

<form id="form1" runat="server">

<div style="background-color: Aqua">

<h1>Fetching data using LINQ</h1>

Enter product id:<asp:TextBox ID="TextBox3" runat="server"></asp:TextBox><br />

Enter product name:<asp:TextBox ID="TextBox1" runat="server"></asp:TextBox><br />

Enter product price:<asp:TextBox ID="TextBox2" runat="server"></asp:TextBox><br />

<br />

<asp:Button ID="Button1" runat="server" Text="Add" OnClick="Button1\_Click" />

<asp:Button ID="Button2" runat="server" Text="Update" OnClick="Button2\_Click" />

<asp:Button ID="Button3" runat="server" Text="Delete" OnClick="Button3\_Click" />

<br />

<br />

<asp:LinqDataSource ID="LinqDataSource1" runat="server" ContextTypeName="\_12\_\_\_LinqToSQLClass\_Course\_and\_Product\_CRUD.DataClasses1DataContext" EntityTypeName=""

TableName="Products">

</asp:LinqDataSource>

<asp:GridView ID="GridView1" runat="server" AutoGenerateColumns="False" DataSourceID="LinqDataSource1">

<Columns>

<asp:BoundField DataField="Id" HeaderText="Id" SortExpression="Id" />

<asp:BoundField DataField="Name" HeaderText="Name" SortExpression="Name" />

<asp:BoundField DataField="price" HeaderText="price" SortExpression="price" />

</Columns>

</asp:GridView>

<br />

<asp:Label ID="Label1" runat="server" Text="Label"></asp:Label>

</div>

</form>

</body>

</html>

.aspx.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Data;

namespace \_12\_\_\_LinqToSQLClass\_Course\_and\_Product\_CRUD

{

public partial class WebForm1 : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

}

protected void Button1\_Click(object sender, EventArgs e)

{

var d = new DataClasses1DataContext();

var c = new Product();

c.Name = TextBox1.Text;

c.price = TextBox2.Text;

c.Id = Convert.ToInt32(TextBox3.Text);

d.Products.InsertOnSubmit(c);

d.SubmitChanges(); GridView1.DataBind();

Label1.Text = "Successfully added data";

}

protected void Button2\_Click(object sender, EventArgs e)

{

var d = new DataClasses1DataContext();

Product c = d.Products.FirstOrDefault(e1 => e1.Name.Equals(TextBox1.Text));

c.Name = TextBox1.Text;

c.price = TextBox2.Text;

d.SubmitChanges();

GridView1.DataBind();

Label1.Text = "Successfully updated data";

}

protected void Button3\_Click(object sender, EventArgs e)

{

var d = new DataClasses1DataContext();

Product c = d.Products.FirstOrDefault(e1 => e1.Id.Equals(Convert.ToInt32(TextBox3.Text)));

d.Products.DeleteOnSubmit(c);

d.SubmitChanges();

GridView1.DataBind();

Label1.Text = "Successfully Deleted data";

}

}

}

Database

CREATE TABLE [dbo].[Product] (

[Id] INT NOT NULL,

[Name] NCHAR (255) NOT NULL,

[price] NCHAR (10) NOT NULL,

PRIMARY KEY CLUSTERED ([Id] ASC)

);

=================13 - Simple Stored Procedure==========

WebForm1.aspx

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs" Inherits="\_13\_\_\_Implement\_Simple\_Stored\_Procedure.WebForm1" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head runat="server">

<title></title>

</head>

<body>

<form id="form1" runat="server">

<asp:Label ID="Label2" runat="server"

Text="Welcome to Stored Procedure Example"></asp:Label>

<br />

<asp:Label ID="Label1" runat="server" Text="Top Rankers"></asp:Label>

<br />

<br />

<br />

<asp:Button ID="Button1" runat="server" Text="Show Result" OnClick="Button1\_Click" />

</form>

</body>

</html>

.aspx.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Data.SqlClient;

using System.Data;

namespace \_13\_\_\_Implement\_Simple\_Stored\_Procedure

{

public partial class WebForm1 : System.Web.UI.Page

{

SqlConnection conn = null; SqlDataReader rdr = null;

protected void Page\_Load(object sender, EventArgs e)

{

}

protected void Button1\_Click(object sender, EventArgs e)

{

conn = new SqlConnection("Data Source=(localdb)\\MSSQLLocalDB;Initial Catalog=Prac13;Integrated Security=True;Connect Timeout=30;Encrypt=False;TrustServerCertificate=False;ApplicationIntent=ReadWrite;MultiSubnetFailover=False");

conn.Open();

SqlCommand cmd = new SqlCommand("top5", conn);

// 2. set the command object so it knows

// to execute a stored procedure

cmd.CommandType = CommandType.StoredProcedure;

// execute the command

rdr = cmd.ExecuteReader();

int count = 1;

// iterate through results, printing each to console

while (rdr.Read()) {

Label1.Text += " <br />";

Label1.Text += "\t" + count.ToString() + rdr[0].ToString(); count++;

}

}

}

}

Database

CREATE TABLE [dbo].[marksheet] (

[rollNO] INT NOT NULL,

[name] NCHAR (50) NOT NULL,

[marks] INT NOT NULL,

PRIMARY KEY CLUSTERED ([rollNO] ASC)

);

INSERT INTO [dbo].[marksheet] ([rollNO], [name], [marks]) VALUES (1, N'first ', 34)

INSERT INTO [dbo].[marksheet] ([rollNO], [name], [marks]) VALUES (2, N'second ', 21)

INSERT INTO [dbo].[marksheet] ([rollNO], [name], [marks]) VALUES (3, N'third ', 78)

INSERT INTO [dbo].[marksheet] ([rollNO], [name], [marks]) VALUES (4, N'five ', 95)

CREATE PROCEDURE top5

AS

SELECT TOP 5 name

FROM dbo.marksheet

Order By marks DESC

RETURN

=================14 - Parmeter Stored Procedure==========

Aspx

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs" Inherits="\_14\_\_\_Parameterized\_Stored\_Procedure.WebForm1" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">

<head runat="server">

<title></title>

</head>

<body>

<form id="form1" runat="server">

<div style="background-color: cadetblue">

<center>

<h2>WELCOME TO STORED PROCEDURE EXAMPLE-2!!</h2>

<asp:Table ID="Table1" runat="server" Font-Bold="True" Font-Size="15pt">

<asp:TableRow>

<asp:TableCell Text="Enter Start Range"></asp:TableCell>

<asp:TableCell>

<asp:TextBox ID="TextBox1" runat="server">

</asp:TextBox>

</asp:TableCell>

</asp:TableRow>

<asp:TableRow>

<asp:TableCell Text="Enter End Range"></asp:TableCell>

<asp:TableCell>

<asp:TextBox ID="TextBox2" runat="server">

</asp:TextBox>

</asp:TableCell>

</asp:TableRow>

<asp:TableRow>

<asp:TableCell>

<asp:Button ID="Button1" runat="server" Text="Show Result" OnClick="Button1\_Click" /></asp:TableCell>

</asp:TableRow>

</asp:Table>

<asp:Label ID="Label1" runat="server" Font-Bold="True" Font- Size="15pt"></asp:Label>

</center>

</div>

</form>

</body>

</html>

.Aspx.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Data.SqlClient;

using System.Data;

namespace \_14\_\_\_Parameterized\_Stored\_Procedure

{

public partial class WebForm1 : System.Web.UI.Page

{

SqlConnection conn = null;

SqlDataReader rdr = null;

protected void Page\_Load(object sender, EventArgs e)

{

}

protected void Button1\_Click(object sender, EventArgs e)

{

conn = new SqlConnection(@"Data Source=(localdb)\MSSQLLocalDB;Initial Catalog=Pract14;Integrated Security=True;Connect Timeout=30;Encrypt=False;TrustServerCertificate=False;ApplicationIntent=ReadWrite;MultiSubnetFailover=False");

conn.Open();

SqlCommand cmd = new SqlCommand("graderange", conn);

cmd.CommandType = CommandType.StoredProcedure;

cmd.Parameters.Add( new SqlParameter("@START", Convert.ToInt32(TextBox1.Text)));

cmd.Parameters.Add( new SqlParameter("@END", Convert.ToInt32(TextBox2.Text)));

rdr = cmd.ExecuteReader();

while (rdr.Read()) {

Label1.Text += rdr["name"].ToString() + "\t" + rdr["marks"].ToString();

Label1.Text += " <br />";

}

}

}

}

Database

CREATE TABLE [dbo].[marksheet] (

[rollNO] INT NOT NULL,

[name] NCHAR (50) NOT NULL,

[marks] INT NOT NULL,

PRIMARY KEY CLUSTERED ([rollNO] ASC)

);

INSERT INTO [dbo].[marksheet] ([rollNO], [name], [marks]) VALUES (1, N'first ', 34)

INSERT INTO [dbo].[marksheet] ([rollNO], [name], [marks]) VALUES (2, N'second ', 21)

INSERT INTO [dbo].[marksheet] ([rollNO], [name], [marks]) VALUES (3, N'third ', 78)

INSERT INTO [dbo].[marksheet] ([rollNO], [name], [marks]) VALUES (4, N'five ', 95)

CREATE PROCEDURE graderange

@START int ,

@END int

AS

SELECT \* FROM dbo.marksheet WHERE @START <= marks AND marks <= @END ;

RETURN

==========15 – State Management Client Side(VIEW)========

Aspx

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs" Inherits="\_15\_\_\_\_State\_Managment\_\_Client\_.WebForm1" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head runat="server">

<title></title>

</head>

<body>

<form id="form1" runat="server">

<div>

View State Page<br />

<br />

PageCounter:

<asp:Label ID="Label1" runat="server" Text="Label"></asp:Label>

<asp:Button ID="Button1" runat="server" OnClick="Button1\_Click" Style="margin-left: 41px" Text="Add count" Width="158px" />

<br />

<br />

</div>

</form>

</body>

</html>

Aspx.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace \_15\_\_\_\_State\_Managment\_\_Client\_

{

public partial class WebForm1 : System.Web.UI.Page

{

public int counter

{

get

{

if (ViewState["pcounter"] != null)

{

return ((int)ViewState["pcounter"]);

}

else

{

return 0;

}

}

set

{

ViewState["pcounter"] = value;

}

}

protected void Page\_Load(object sender, EventArgs e)

{

Label1.Text = counter.ToString(); counter++;

}

protected void Button1\_Click(object sender, EventArgs e) { }

}

}

==========15 – State Management Client (Hiden)========

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs" Inherits="\_16\_\_\_State\_managment\_Client\_\_Hiden\_.WebForm1" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head runat="server">

<title></title>

</head>

<body>

<form id="form1" runat="server">

<div>

<br />

<asp:HiddenField ID="HiddenField1" runat="server" Value="0" />

<br />

<asp:Button ID="Button1" runat="server" Text="No action Button" OnClick="Button1\_Click" />

<br />

<br />

<asp:Label ID="Label1" runat="server" Text="Label"></asp:Label>

<br />

<br />

</div>

</form>

</body>

</html>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace \_16\_\_\_State\_managment\_Client\_\_Hiden\_

{

public partial class WebForm1 : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

if (HiddenField1.Value != null)

{

int val = Convert.ToInt32(HiddenField1.Value) + 1;

HiddenField1.Value = val.ToString();

Label1.Text = val.ToString();

}

}

protected void Button1\_Click(object sender, EventArgs e)

{

//this is No Action Button Click

}

}

}

==========17 – State Management Client (Hiden)========

**Default.aspx**

<%@ Page Language="C#" AutoEventWireup="true" CodeFile="Default.aspx.cs" Inherits="\_Default" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head runat="server">

<title></title>

</head>

<body>

<form id="form1" runat="server">

<div>

<asp:Label ID="Label1" runat="server" Text=""></asp:Label><br /><br />

<asp:Label ID="Label2" runat="server" Text=""></asp:Label><br /><br />

<asp:Button ID="Button1" runat="server" OnClick="Button1\_Click" Text="Button"/>

</div>

</form>

</body>

</html>

**Default.aspx.cs**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace \_16\_\_\_Persistent\_And\_Non\_Persistent\_Cookies

{

public partial class WebForm1 : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

if (Request.Cookies["Persistance"] != null) Label1.Text = Request.Cookies["Persistance"].Value;

else

Label1.Text = "";

if (Request.Cookies["NonPersistance"] != null)

Label2.Text = Request.Cookies["NonPersistance"].Value;

}

protected void Button1\_Click(object sender, EventArgs e)

{

/\*Persistent Cookies\*/

HttpCookie aCookieValPer = new HttpCookie("Persistance"); aCookieValPer.Value = "This is A Persistance Cookie"; aCookieValPer.Expires = DateTime.Now.AddSeconds(10); Response.Cookies.Add(aCookieValPer);

/\*Non Persistent Cookies\*/

HttpCookie aCookieValNonPer = new HttpCookie("NonPersistance"); aCookieValNonPer.Value = "This is A Non Persistance Cookie"; Response.Cookies.Add(aCookieValNonPer);

}

}

}

==========18 – Session Managment ========

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs" Inherits="\_18\_\_\_Session\_Management.WebForm1" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head runat="server">

<title></title>

</head>

<body>

<form id="form1" runat="server">

<div>

&nbsp; &nbsp; &nbsp;

<table style="width: 568px; height: 103px">

<tr>

<td style="width: 209px">

<asp:Label ID="lblstr" runat="server" Text="Enter a String" Style="width: 94px">

</asp:Label>

</td>

<td style="width: 317px">

<asp:TextBox ID="txtstr" runat="server" Style="width: 227px"> </asp:TextBox>

</td>

</tr>

<tr>

<td style="width: 209px"></td>

<td style="width: 317px"></td>

</tr>

<tr>

<td style="width: 209px">

<asp:Button ID="btnnrm" runat="server" Text="No action button" Style="width: 128px" />

</td>

<td style="width: 317px">

<asp:Button ID="btnstr" runat="server" OnClick="btnstr\_Click" Text="Submit the String" />

</td>

</tr>

<tr>

<td style="width: 209px"></td>

<td style="width: 317px"></td>

</tr>

<tr>

<td style="width: 209px">

<asp:Label ID="lblsession" runat="server" Style="width: 231px"> </asp:Label>

</td>

<td style="width: 317px"></td>

</tr>

<tr>

<td style="width: 209px">

<asp:Label ID="lblshstr" runat="server"> </asp:Label>

</td>

<td style="width: 317px"></td>

</tr>

</table>

</div>

</form>

</body>

</html>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace \_18\_\_\_Session\_Management

{

public partial class WebForm1 : System.Web.UI.Page

{

String mystr;

protected void Page\_Load(object sender, EventArgs e)

{

}

protected void btnstr\_Click(object sender, EventArgs e)

{

this.mystr = this.txtstr.Text;

this.Session["str"] = this.txtstr.Text;

this.lblshstr.Text = this.mystr;

this.lblsession.Text = (String)this.Session["str"];

}

}

}

==========19 – WEB Service ========

Webservice.asmx

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.Services;

namespace \_19\_\_\_Web\_Services

{

[WebService(Namespace = "http://tempuri.org/")]

[WebServiceBinding(ConformsTo = WsiProfiles.BasicProfile1\_1)]

[System.ComponentModel.ToolboxItem(false)]

public class WebService1 : System.Web.Services.WebService

{

public WebService1()

{

}

[WebMethod]

public string getname(string nm)

{ return nm; }

[WebMethod]

public int getaccountnumber(int a)

{ return a; }

}

}

Aspx

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs" Inherits="\_19\_\_\_Web\_Services.WebForm1" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">

<head runat="server">

<title></title>

</head>

<body>

<form id="form1" runat="server">

<div>

ENTER NAME:

<asp:TextBox ID="TextBox1" runat="server"> </asp:TextBox>

<br />

<br />

ENTER ACCOUNT NO:

<asp:TextBox ID="TextBox2" runat="server"> </asp:TextBox>

<br />

<br />

<asp:Button ID="Button1" runat="server" Text="OK" OnClick="Button1\_Click" />

<asp:Label ID="Label1" runat="server" Text=" "> </asp:Label>

<br />

<br />

<asp:Label ID="Label2" runat="server" Text=" "> </asp:Label>

<br />

</div>

</form>

</body>

</html>

Aspx.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace \_19\_\_\_Web\_Services

{

public partial class WebForm1 : System.Web.UI.Page

{

WebService obj = new WebService();

protected void Page\_Load(object sender, EventArgs e) { }

protected void Button1\_Click(object sender, EventArgs e)

{

Label2.Text = "welcome Mr./Mrs. " + obj.getname(TextBox1.Text) + "<br/> your account number is " + obj.getaccountnumber(Convert.ToInt32(TextBox2.Text)).ToString();

}

}

}

============20 – WEB Service Aurthmatic Opration=======

WCF Web Application

IService.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Runtime.Serialization;

using System.ServiceModel;

using System.ServiceModel.Web;

using System.Text;

namespace \_20\_\_\_wcf\_service

{

// NOTE: You can use the "Rename" command on the "Refactor" menu to change the interface name "IService1" in both code and config file together.

[ServiceContract]

public interface IService1

{

[OperationContract]

double add(double a, double b);

[OperationContract]

double sub(double a, double b);

[OperationContract]

double mul(double a, double b);

[OperationContract]

double div(double a, double b);

}

}

Service,svc.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Runtime.Serialization;

using System.ServiceModel;

using System.ServiceModel.Web;

using System.Text;

namespace \_20\_\_\_wcf\_service

{

// NOTE: You can use the "Rename" command on the "Refactor" menu to change the class name "Service1" in code, svc and config file together.

// NOTE: In order to launch WCF Test Client for testing this service, please select Service1.svc or Service1.svc.cs at the Solution Explorer and start debugging.

public class Service1 : IService1

{

public double add(double a, double b)

{ return a + b; }

public double sub(double a, double b)

{ return a - b; }

public double mul(double a, double b)

{ return a \* b; }

public double div(double a, double b)

{ return a / b; }

}

}

Asp.net Web Application

WebForm1.cs

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs" Inherits="\_20\_\_\_aspnet.WebForm1" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head runat="server">

<title></title>

</head>

<body>

<form id="form1" runat="server">

<div>

<asp:Label ID="Label1" runat="server" Text="Enter number 1: "></asp:Label>&nbsp;&nbsp;&nbsp;&nbsp;

<asp:TextBox ID="TextBox1" runat="server"></asp:TextBox><br>

<br>

<asp:Label ID="Label2" runat="server" Text="Enter number 2: "></asp:Label>&nbsp;&nbsp;&nbsp;&nbsp;

<asp:TextBox ID="TextBox2" runat="server"></asp:TextBox><br>

<br>

<asp:Label ID="Label3" runat="server" Text="Result: "></asp:Label>&nbsp;&nbsp;&nbsp;

<asp:TextBox ID="TextBox3" runat="server"></asp:TextBox><br>

<br>

<asp:Button ID="Button1" runat="server" Text="Add" OnClick="Button1\_Click" />

&nbsp;&nbsp;&nbsp;&nbsp;

<asp:Button ID="Button2" runat="server" Text="Subtract" OnClick="Button2\_Click" />&nbsp;&nbsp;&nbsp;&nbsp;

<asp:Button ID="Button3" runat="server" Text="Multiply" OnClick="Button3\_Click" />&nbsp;&nbsp;&nbsp;&nbsp;

<asp:Button ID="Button4" runat="server" Text="Divide" OnClick="Button4\_Click" />

</div>

</form>

</body>

</html>

WebForm1.aspx.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace \_20\_\_\_aspnet

{

public partial class WebForm1 : System.Web.UI.Page

{

ServiceReference1.IService1 obj = new ServiceReference1.Service1Client();

protected void Page\_Load(object sender, EventArgs e)

{

}

protected void Button1\_Click(object sender, EventArgs e)

{

double x, y;

x = Convert.ToInt32(TextBox1.Text);

y = Convert.ToInt32(TextBox2.Text);

TextBox3.Text = obj.add(x, y).ToString();

}

protected void Button2\_Click(object sender, EventArgs e)

{

double x, y;

x = Convert.ToInt32(TextBox1.Text);

y = Convert.ToInt32(TextBox2.Text);

TextBox3.Text = obj.sub(x, y).ToString();

}

protected void Button3\_Click(object sender, EventArgs e)

{

double x, y;

x = Convert.ToInt32(TextBox1.Text);

y = Convert.ToInt32(TextBox2.Text);

TextBox3.Text = obj.mul(x, y).ToString();

}

protected void Button4\_Click(object sender, EventArgs e)

{

double x, y;

x = Convert.ToInt32(TextBox1.Text);

y = Convert.ToInt32(TextBox2.Text);

TextBox3.Text = obj.div(x, y).ToString();

}

}

}

============21 – MVC ViewBag=======

HomeController

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.Mvc;

namespace \_21\_\_Mvc\_ViewBag.Controllers

{

public class HomeController : Controller

{

// GET: Home

public ActionResult Index()

{

int hours = DateTime.Now.Hour;

ViewBag.test = hours < 12 ? "Good Morning" : "Good day";

return View();

}

}

}

Index.cshtml

@{

Layout = null;

}

<!DOCTYPE html>

<html>

<head>

<meta name="viewport" content="width=device-width" />

<title>Index</title>

</head>

<body>

<div>

<h1>@ViewBag.test</h1>

</div>

</body>

</html>

**========================22 MVC Data Entry ========================**

**HomeController**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.Mvc;

namespace \_22\_\_\_Mvc\_Data\_Entry.Controllers

{

public class HomeController : Controller

{

// GET: Home

public ActionResult Index()

{

return View();

}

public ViewResult CustomerInput()

{

return View();

}

}

}

Index.cshtml

@{

Layout = null;

}

<!DOCTYPE html>

<html>

<head>

<meta name="viewport" content="width=device-width" />

<title>Index</title>

</head>

<body>

<div>

<h1>Customer information system allows you to strore and retrieve customer details</h1> @Html.ActionLink("Add customer details", "CustomerInput")

</div>

</body>

</html>

CustomerInput.cshtml

@model \_22\_\_\_Mvc\_Data\_Entry.Models.Customer

@{

Layout = null;

}

<!DOCTYPE html>

<html>

<head>

<meta name="viewport" content="width=device-width" />

<link rel="stylesheet" type="text/css" href="~/Content/StyleSheet1.css" />

<title>CustomerInput</title>

</head>

<body>

<div>

@using (Html.BeginForm()) {

<p>Customer ID: @Html.TextAreaFor(x => x.CustID)</p>

<p>Customer Name: @Html.TextAreaFor(x => x.CustName)</p>

<p>Customer Address: @Html.TextAreaFor(x => x.CustAdd)</p>

@Html.ValidationSummary()

<input id="Submit1" type="submit" value="submit" />

}

@\*

Customer ID: <input id="Text1" type="text" />

Customer Name: <input id="Text2" type="text" />

Customer Address:<input id="Text3" type="text" />

\*@

</div>

</body>

</html>

/model/Customer.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.ComponentModel.DataAnnotations;

namespace \_22\_\_\_Mvc\_Data\_Entry.Models

{

public class Customer

{

[Required(ErrorMessage = "Please Enter ID")]

public int CustID { get; set; }

[Required(ErrorMessage = "Please Enter Name")]

public string CustName { get; set; }

[Required(ErrorMessage = "Please Enter Address")]

public string CustAdd { get; set; }

}

}

/content/Style.cs

.field-validation-error {

color: #f00;

}

.field-validation-error {

display: none;

}

.input-validation-error {

border: 1px solid #f00;

background-color: #fee;

}

.validation-summary-error {

font-weight: bold;

color: #f00;

}

.validation-summary-valid {

display: none;

}

**========================23 Cross Page Posting ========================**

**Default.aspx**

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Default.aspx.cs" Inherits="\_23\_\_\_Asp.net\_Cross\_Page\_Posting.Default" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head runat="server">

<title></title>

</head>

<body>

<form id="form1" runat="server">

<div>

<asp:Label ID="Label1" runat="server" Text="Enter your name:"></asp:Label>

<asp:TextBox ID="TextBox1" runat="server" Style="margin-left: 27px" Width="160px"></asp:TextBox>

<br />

<br />

<asp:Calendar ID="Calendar1" runat="server"></asp:Calendar>

<br />

<br />

<asp:Button ID="Button1" runat="server" OnClick="Button1\_Click" Text="Same Page Post Back" Width="182px" />

<asp:Button ID="Button2" runat="server" OnClick="Button2\_Click" Style="margin-left: 76px" Text="Cross Page Post Back" Width="163px" PostBackUrl="~/WebForm1.aspx" />

<br />

<br />

<br />

<asp:Label ID="Label2" runat="server"></asp:Label>

</div>

</form>

</body>

</html>

**Default.aspx.cs**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace \_23\_\_\_Asp.net\_Cross\_Page\_Posting

{

public partial class Default : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

}

protected void Button1\_Click(object sender, EventArgs e)

{

Label2.Text = "Hello" + TextBox1.Text + "<br/>" + "Your date of birth is" + Calendar1.SelectedDate.ToShortDateString();

}

protected void Button2\_Click(object sender, EventArgs e)

{

}

}

}

**WebForm1.aspx**

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs" Inherits="\_23\_\_\_Asp.net\_Cross\_Page\_Posting.WebForm1" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head runat="server">

<title></title>

</head>

<body>

<form id="form1" runat="server">

<div>

<asp:Label ID="Label1" runat="server" Text="Label"></asp:Label>

</div>

</form>

</body>

</html>

**WebForm1.aspx.cs**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace \_23\_\_\_Asp.net\_Cross\_Page\_Posting

{

public partial class WebForm1 : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

TextBox textbox2;

Calendar calendar2;

textbox2 = (TextBox)PreviousPage.FindControl("TextBox1");

calendar2 = (Calendar)PreviousPage.FindControl("Calendar1");

Label1.Text = "Hello" + textbox2.Text + "<br/>" + "Your date of birth is" + calendar2.SelectedDate.ToShortDateString();

}

}

}