Nishant

15BIT0144  e1 slot

da-1

code :

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

using System.Collections;

namespace WindowsFormsApplication4

{

public partial class Form1 : Form

{

private Rectangle rect = new Rectangle(250, 150, 200, 200);

public ArrayList sliceList = new ArrayList();

struct sliceData

{

public int share;

public Color clr;

};

private Color curClr = Color.Black;

int shareTotal = 0;

public Form1()

{

InitializeComponent();

}

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

{

}

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

{

ColorDialog clrDlg = new ColorDialog();

// MessageBox.Show("");

if (clrDlg.ShowDialog() == DialogResult.OK)

{

curClr = clrDlg.Color;

}

}

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

{

int slice = Convert.ToInt32(textBox1.Text);

shareTotal += slice;

sliceData dt;

dt.clr = curClr;

dt.share = slice;

sliceList.Add(dt);

listBox1.Items.Add(

"Share:" + slice.ToString() + " , " + curClr.ToString());

}

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

{

DrawPieChart(false);

}

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

{

DrawPieChart(true);

}

private void DrawPieChart(bool flMode)

{

Graphics g = this.CreateGraphics();

g.Clear(this.BackColor);

Rectangle rect = new Rectangle(150, 100, 200, 200);

float angle = 0;

float sweep = 0;

foreach (sliceData dt in sliceList)

{

sweep = 360f \* dt.share / shareTotal;

if (flMode)

g.FillPie(new SolidBrush(dt.clr), rect, angle, sweep);

else

g.DrawPie(new Pen(dt.clr), rect, angle, sweep);

angle += sweep;

}

g.Dispose();

}

}

}

screen shots





