Circle class dll:

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace circleclass

{

[Serializable]

public class circle

{

double radius,a;

public void set(double r)

{

radius = r;

}

public double area()

{

a=2\*3.147\*radius;

return a;

}

}

}

Circle windows form:

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.Runtime.Serialization.Formatters.Binary;

using System.IO;

using circleclass;

namespace circleform

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

private void label1\_Click(object sender, EventArgs e)

{

}

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

{

double radius = double.Parse(textBox1.Text);

circleclass.circle c1 = new circleclass.circle();

c1.set(radius);

FileStream f1 = File.Create("area.dat");

BinaryFormatter bf = new BinaryFormatter();

bf.Serialize(f1, c1);

f1.Close();

//Console.ReadKey();

FileStream f2 = File.OpenRead("area.dat");

BinaryFormatter bf1 = new BinaryFormatter();

circleclass.circle a1 = (circleclass.circle)bf1.Deserialize(f2);

textBox2.Text = a1.area().ToString();

//Console.ReadKey();

}

}

}



