using System;

using System.Collections.Generic;

using System.IO;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace Triangle

{

class Program

{

static void Main(string[] args)

{

try

{

Square Trian = new Square(5, 5, 5);

Trian.Print();

}

catch (Exception ex)

{

Console.WriteLine("Приложение не может выполнить свою задачу.");

SaveErrorInfo(ex);

}

}

public static void SaveErrorInfo(Exception ex)

{

FileStream stream = new FileStream("error.log", FileMode.Append, FileAccess.Write);

StreamWriter writer = new StreamWriter(stream);

writer.WriteLine(DateTime.Now);

writer.WriteLine(ex.Message);

writer.WriteLine(ex.StackTrace);

writer.WriteLine("---------------------------------");

writer.Close();

}

class Square

{

private double a;

private double b;

private double c;

private double p;

private double area;

public void Print()

{

p = (a + b + c) / 2; //полупериметр

area = Math.Sqrt(p \* (p - a) \* (p - b) \* (p - c)); //вычисление площади треугольника по формуле Герона

Console.WriteLine("Данн треугольник");

Console.WriteLine("Сторона a = " + a);

Console.WriteLine("Сторона b = " + b);

Console.WriteLine("Сторона c = " + c);

Console.WriteLine("Его площадь: " + area);

Console.WriteLine();

}

public Square(double a, double b, double c)

{

this.a = a;

this.b = b;

this.c = c;

}

}

}

}