Библа

using System;

namespace ClassLibrary2

{

public class Class1

{

public static double real11 { get; set; }

public static double real22 { get; set; }

public static double imag11 { get; set; }

public static double imag22 { get; set; }

public static void Enter()

{

string real1 = Console.ReadLine();

string real2 = Console.ReadLine();

string imag1 = Console.ReadLine();

string imag2 = Console.ReadLine();

try

{

real11 = Convert.ToDouble(real1);

real22 = Convert.ToDouble(real2);

imag11 = Convert.ToDouble(imag1);

imag22 = Convert.ToDouble(imag2);

}

catch (Exception e)

{

Console.WriteLine(e.Message);

Console.WriteLine("Ошибка");

}

}

public static void Sum()

{

double sumrez1;

double sumrez2;

sumrez1 = real11 + real22;

sumrez2 = imag11 + imag22;

Console.WriteLine($"{sumrez1}, { sumrez2}i");

}

public static void Razn()

{

double raznrez1;

double raznrez2;

raznrez1 = real11 - real22;

raznrez2 = imag11 - imag22;

Console.WriteLine($"{raznrez1}, { raznrez2}i");

}

public static void Umnozh()

{

double rez1;

double rez2;

rez1 = (real11 \* real22 - imag11 \* imag22);

rez2 = (real11 \* imag22 + imag11 \* real22);

Console.WriteLine($"{rez1}, { rez2}i");

}

}

}

**Program.cs**

using ClassLibrary2;

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApp17

{

public class Program

{

public static void Main(string[] args)

{

string i;

Console.WriteLine("Choose:/n1 Enter /n2 Sum/n3 Razn/n4 Umnozh/n5 Exit");

do

{

i = Console.ReadLine();

switch (i)

{

case "1":

Class1.Enter();

break;

case "2":

Class1.Sum();

break;

case "3":

Class1.Razn();

break;

case "4":

Class1.Umnozh();

break;

default:

break;

}

} while (i != "5");

}

}

}