**Lab1**

Q1

**Code (ConsoleApp)**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ArithmeticOps

{

class Program

{

static void Main(string[] args)

{

Console.WriteLine("Enter first number");

string sa = Console.ReadLine();

Console.WriteLine("Enter second number");

string sb = Console.ReadLine();

int a, b;

int.TryParse(sa, out a);

int.TryParse(sb, out b);

int sum = a + b;

int sub = a - b;

int mul = a \* b;

float div = (float)a / (float)b;

//int rem = a % b;

Console.WriteLine("Addition of {0} and {1} is = {2}", a, b, sum);

Console.WriteLine("Subtraction of {0} and {1} is = {2}", a, b, sub);

Console.WriteLine("Multiplication of {0} and {1} is = {2}", a, b, mul);

Console.WriteLine("Division of {0} and {1} is = {2}", a, b, div);

//Console.WriteLine("Remainder of {0} and {1} is = {2}", a, b, rem);

//hit ENTER to exit the program

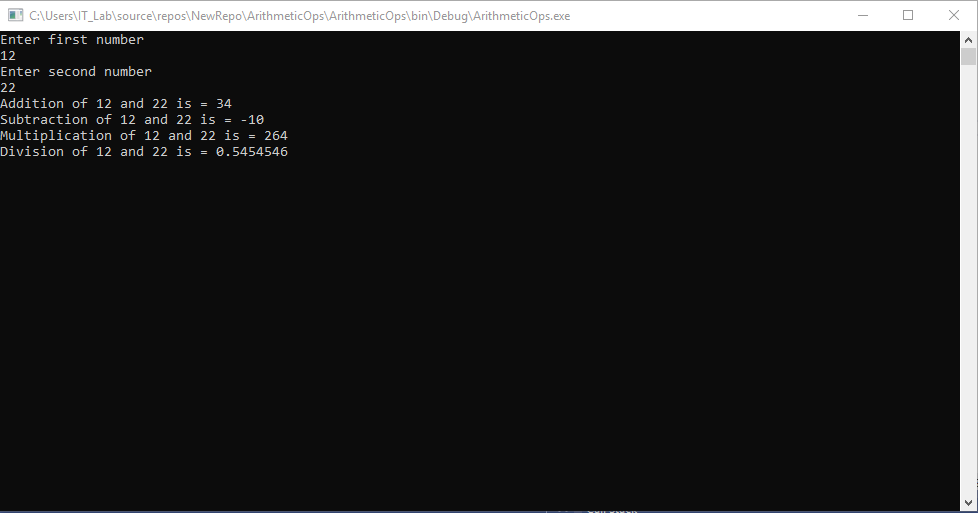
Console.ReadLine();

}

}

}

**Output**

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**Q2**

**Code(ConsoleApp)**

using System;

using System.Collections.Generic;

using System.Globalization;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace DateTime1

{

class Program

{

static void Main(string[] args)

{

Console.WriteLine("Enter Date Time");

string a = Console.ReadLine();

CultureInfo provider = CultureInfo.InvariantCulture;

DateTime d1;

int[] temp = new int[6];

String[] temp1 = a.Split(':');

int i = 0;

foreach(string str in temp1)

{

int.TryParse(str,out temp[i++]);

}

d1 = new DateTime(temp[2], temp[1], temp[0], temp[3], temp[4], temp[5]);

Console.WriteLine("Enter the number of ticks");

string b = Console.ReadLine();

int n;

int.TryParse(b, out n);

TimeSpan t = new TimeSpan(n);

DateTime d2 = d1.Add(t);

Console.WriteLine("The new Date Time is {0}",d2.ToString("hh:mm:ss"));

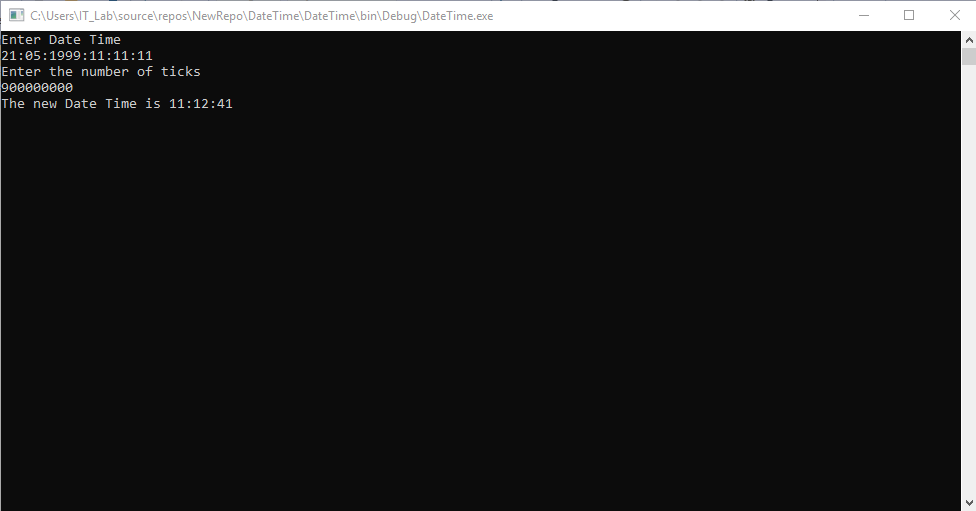
Console.Read();

}

}

}

**Output**

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