Task 2: Class Library Research and Code Example

Research the NET Class Library and compile a list of five commonly used classes along with their namespaces. For one of these classes, write a short C# code snippet that demonstrates a common use case, including inline comments to explain the code

using System;

using .net libraries we are making five arithmetic operations wer are giving the input variables n1,n2 and output variable is m.

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ClassLibrary1 {

// creating class library

public class Class1 {

static void Main(string[] args) {

// giving input variables n1 and n2

int n1 = 37;

int n2 = 15;

int m;

// athematic operations

// applying addition operation

m = n1 + n2;

Console.WriteLine("Value is {0}", m);

// applying subtraction operation

m = n1 - n2;

Console.WriteLine("Value is {0}", m);

// applying multiplication operation

m = n1 \* n2;

Console.WriteLine("Value is {0}", m);

// applying division operation

m = n1 / n2;

Console.WriteLine("Value is {0}", m);

// applying percental operation

m = n1 % n2;

Console.WriteLine("Value is {0}", m);

Console.ReadLine();

}

}

}