# C# Lab 02.

**1**).

using System;

namespace SumOfTwoNumbersConsoleApp

{

class Program

{

static void Main(string[] args)

{

Console.WriteLine("Please enter the first number:");

double num1 = Convert.ToDouble(Console.ReadLine());

Console.WriteLine("Please enter the second number:");

double num2 = Convert.ToDouble(Console.ReadLine());

double sum = num1 + num2;

Console.WriteLine("Sum: " + sum);

}

}

}

**2).**

using System;

namespace ArithmeticOperationsConsoleApp

{

class Program

{

static void Main(string[] args)

{

Console.WriteLine("Please enter the first number:");

double num1 = Convert.ToDouble(Console.ReadLine());

Console.WriteLine("Please enter the second number:");

double num2 = Convert.ToDouble(Console.ReadLine());

double sum = num1 + num2;

double subtraction = num1 - num2;

double multiplication = num1 \* num2;

double division = num1 / num2;

Console.WriteLine("Sum: " + sum);

Console.WriteLine("Subtraction: " + subtraction);

Console.WriteLine("Multiplication: " + multiplication);

Console.WriteLine("Division: " + division);

}

}

}

**3).**

using System;

namespace CircleGeometryConsoleApp

{

class Program

{

static void Main(string[] args)

{

Console.WriteLine("Please enter the radius of the circle:");

double radius = Convert.ToDouble(Console.ReadLine());

double area = Math.PI \* radius \* radius;

double circumference = 2 \* Math.PI \* radius;

Console.WriteLine("Area: " + area);

Console.WriteLine("Circumference: " + circumference);

}

}

}

**4).**

using System;

namespace EvenOrOddConsoleApp

{

class Program

{

static void Main(string[] args)

{

Console.WriteLine("Please enter a number:");

int number = Convert.ToInt32(Console.ReadLine());

if (number % 2 == 0)

Console.WriteLine("Even");

else

Console.WriteLine("Odd");

}

}

}

**5).**

using System;

namespace EvenOrOddMultipleInputsConsoleApp

{

class Program

{

static void Main(string[] args)

{

Console.WriteLine("Please enter 10 numbers:");

for (int i = 0; i < 10; i++)

{

int number = Convert.ToInt32(Console.ReadLine());

if (number % 2 == 0)

Console.WriteLine("Even");

else

Console.WriteLine("Odd");

}

}

}

}