C# Lab 02

1)

using System;

class Program

{

static void Main()

{

Console.WriteLine("Enter the first number:");

int num1 = int.Parse(Console.ReadLine());

Console.WriteLine("Enter the second number:");

int num2 = int.Parse(Console.ReadLine());

int sum = num1 + num2;

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

}

}

2)

using System;

class Program

{

static void Main()

{

Console.WriteLine("Enter the first number:");

double num1 = double.Parse(Console.ReadLine());

Console.WriteLine("Enter the second number:");

double num2 = double.Parse(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;

class Program

{

static void Main()

{

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

double radius = double.Parse(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;

class Program

{

static void Main()

{

Console.WriteLine("Enter a number:");

int number = int.Parse(Console.ReadLine());

if (number % 2 == 0)

Console.WriteLine("Even");

else

Console.WriteLine("Odd");

}

}

5)

using System;

class Program

{

static void Main()

{

for (int i = 1; i <= 10; i++)

{

Console.WriteLine("Enter number " + i + ":");

int number = int.Parse(Console.ReadLine());

if (number % 2 == 0)

Console.WriteLine("Even");

else

Console.WriteLine("Odd");

}

}

}