Lab 02

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27522

1.Write a Console Application to calculate the sum of two ser input numbers.

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApp7

{

internal class Program

{

static void Main(string[] args)

{

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

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

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

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

int sum = fNum + sNum;

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

Console.ReadLine();

}

}

}

2.Write Console Application to calculate sum,substraction,multiplication,division of two user input numbers.

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApp7

{

internal class Program

{

static void Main(string[] args)

{

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

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

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

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

int sum = fNum + sNum;

int sub = fNum - sNum;

int mul = fNum \* sNum;

int div = fNum / sNum;

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

Console.WriteLine("Substraction is " + sub);

Console.WriteLine("Multiplication is " + mul);

Console.WriteLine("Division is " + div);

Console.ReadLine();

}

}

}

3.Write a Console Application to calculate the area and circumference of a circle for given radius.

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApp7

{

internal class Program

{

static void Main(string[] args)

{

Console.WriteLine("Enter the radius");

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

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

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

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

Console.WriteLine("Circumference is: " + cirCum);

Console.ReadLine();

}

}

}

4.Write a Console Application to check if a number is odd or even.

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApp7

{

internal class Program

{

static void Main(string[] args)

{

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

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

if (num%2 == 0)

{

Console.WriteLine("This is a even number");

}

else

{

Console.WriteLine("This is a odd number");

}

Console.ReadLine();

}

}

}

5.Upgrade the above console application which enable 10 user inputs and display even or odd for each user input.

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApp7

{

internal class Program

{

static void Main(string[] args)

{

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

{

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

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

if (num % 2 == 0)

{

Console.WriteLine("This is a even number");

}

else

{

Console.WriteLine("This is a odd number");

}

Console.ReadLine();

}

}

}

}