Lab 01

GKHFonseka

27522

1.Create an console application that can read your name and batch as input and print them into a console.

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 your name here:");

String name=Console.ReadLine();

Console.WriteLine("Enter your batch here:");

double batch = Double.Parse(Console.ReadLine());

Console.WriteLine("name and batch is "+name+" and "+batch);

Console.ReadLine();

}

}

}

2. Create a Console application that can read the radius from the user and calculate the area of a cycle.

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;

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

Console.ReadLine();

}

}

}

3.Create a Console Application that can read two input values and show the summation of the inputs.

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:");

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

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

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

double sum = num1 + num2;

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

Console.ReadLine();

}

}

}

4.Create a console application that can read salary of an employee and tax rate.Show salary after tax.

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 salary:");

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

Console.WriteLine("Enter the tax rate:");

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

double newSalary = salary \* (1 - taxRate);

Console.WriteLine("After salary is:" + newSalary);

Console.ReadLine();

}

}

}