Lab 01

27003

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1. using System;

namespace NameAndBatchConsoleApp

{

class Program

{

static void Main(string[] args)

{

Console.WriteLine("Please enter your name:");

string name = Console.ReadLine();

Console.WriteLine("Please enter your batch:");

string batch = Console.ReadLine();

Console.WriteLine("Your name: " + name);

Console.WriteLine("Your batch: " + batch);

Console.ReadKey();

}

}

}

2. using System;

namespace CircleAreaConsoleApp

{

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 \* Math.Pow(radius, 2);

Console.WriteLine("Area of the circle: " + area);

Console.ReadKey();

}

}

}

3. using System;

namespace SummationConsoleApp

{

class Program

{

static void Main(string[] args)

{

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

int num1 = Convert.ToInt32(Console.ReadLine());

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

int num2 = Convert.ToInt32(Console.ReadLine());

int sum = num1 + num2;

Console.WriteLine("Sum of the two numbers: " + sum);

Console.ReadKey();

}

}

}

4. using System;

namespace SalaryAfterTaxConsoleApp

{

class Program

{

static void Main(string[] args)

{

Console.WriteLine("Please enter the employee's salary:");

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

Console.WriteLine("Please enter the tax rate (in decimal form, e.g., 0.2 for 20%):");

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

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

Console.WriteLine("Salary after tax: " + salaryAfterTax);

Console.ReadKey();

}

}

}