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

using System;

namespace ConsoleApp8

{

internal class Program

{

static void Main(string[] args)

{

Console.WriteLine("Enter your name: ");

string name = Console.ReadLine();

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

string batch = Console.ReadLine();

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

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

Console.ReadLine();

}

}

}

1. Create a Console application that can read the radius from the user and calculate the Area of a circle.

using System;

namespace ConsoleApp9

{

internal class Program

{

static void Main(string[] args)

{

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

string input = Console.ReadLine();

if (double.TryParse(input, out double radius))

{

double area = Math.PI \* Math.Pow(radius, 2);

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

}

else

{

Console.WriteLine("Invalid input. Enter a valid number for the radius.");

}

Console.ReadLine();

}

}

}

1. Create a console application that can read two input values and show the summation of the inputs.

using System;

namespace ConsoleApp10

{

internal class Program

{

static void Main(string[] args)

{

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

string input1 = Console.ReadLine();

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

string input2 = Console.ReadLine();

if (double.TryParse(input1, out double value1) && double.TryParse(input2, out double value2))

{

double sum = value1 + value2;

Console.WriteLine("The summation of the inputs is: " + sum);

}

else

{

Console.WriteLine("Invalid input. Enter valid numbers for both inputs.");

}

Console.ReadLine();

}

}

}

1. Create a console application that can read salary of an employee and tax rate. Then show salary after the tax.

using System;

namespace ConsoleApp11

{

internal class Program

{

static void Main(string[] args)

{

Console.Write("Enter the employee's salary: ");

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

Console.Write("Enter the tax rate (%): ");

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

float salaryAfterTax = CalculateSalaryAfterTax(salary, taxRate);

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

Console.ReadLine();

}

static float CalculateSalaryAfterTax(float salary, float taxRate)

{

float taxAmount = salary \* (taxRate / 100);

float salaryAfterTax = salary - taxAmount;

return salaryAfterTax;

}

}

}