1. **Hello, World!**

using System;

class HelloWorld

{

 static void Main()

 {

 Console.WriteLine("Hello, World!");

 }

}

1. **User Input**

using System;

class Greeting

{

 static void Main()

 {

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

 string name = Console.ReadLine();

 Console.WriteLine("Hello, " + name + "!");

 }

}

1. **Sum of Two Numbers**

using System;

class Sum

{

 static void Main()

 {

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

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

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

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

 int sum = num1 + num2;

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

 }

}

1. **Multiplication Table**

using System;

class MultiplicationTable

{

 static void Main()

 {

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

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

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

 {

 Console.WriteLine(num + " \* " + i + " = " + (num \* i));

 }

 }

}

1. **Odd or Even**

using System;

class OddOrEven

{

 static void Main()

 {

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

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

 if (num % 2 == 0)

 {

 Console.WriteLine("The number is even.");

 }

 else

 {

 Console.WriteLine("The number is odd.");

 }

 }

}

1. **Positive or Negative**

using System;

class PositiveOrNegative

{

 static void Main()

 {

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

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

 if (num > 0)

 {

 Console.WriteLine("The number is positive.");

 }

 else if (num < 0)

 {

 Console.WriteLine("The number is negative.");

 }

 else

 {

 Console.WriteLine("The number is zero.");

 }

 }

}

1. **Temperature Converter**

using System;

class TemperatureConverter

{

 static void Main()

 {

 Console.Write("Enter the temperature in Fahrenheit: ");

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

 double celsius = (fahrenheit - 32) \* 5 / 9;

 Console.WriteLine("The temperature in Celsius is: " + celsius);

 }

}

1. **Basic Calculator**

using System;

class BasicCalculator

{

 static void Main()

 {

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

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

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

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

 Console.Write("Enter the operator (+, -, \*, /): ");

 char op = Console.ReadLine()[0];

 double result = 0;

 switch (op)

 {

 case '+':

 result = num1 + num2;

 break;

 case '-':

 result = num1 - num2;

 break;

 case '\*':

 result = num1 \* num2;

 break;

 case '/':

 if (num2 != 0)

 {

 result = num1 / num2;

 }

 else

 {

 Console.WriteLine("Division by zero is not allowed!");

 return;

 }

 break;

 default:

 Console.WriteLine("Invalid operator!");

 return;

 }

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

 }

}

1. **Vowel or Consonant**

using System;

class VowelOrConsonant

{

 static void Main()

 {

 Console.Write("Enter a character: ");

 char ch = Console.ReadLine().ToLower()[0];

 if ("aeiou".Contains(ch))

 {

 Console.WriteLine("The character is a vowel.");

 }

 else if (ch >= 'a' && ch <= 'z')

 {

 Console.WriteLine("The character is a consonant.");

 }

 else

 {

 Console.WriteLine("The input is not a letter.");

 }

 }

}

1. **Palindrome**

using System;

class Palindrome

{

 static void Main()

 {

 Console.Write("Enter a word or phrase: ");

 string input = Console.ReadLine().Replace(" ", "").ToLower();

 char[] reversedArray = input.ToCharArray();

 Array.Reverse(reversedArray);

 string reversed = new string(reversedArray);

 if (input == reversed)

 {

 Console.WriteLine("The input is a palindrome.");

 }

 else

 {

 Console.WriteLine("The input is not a palindrome.");

 }

 }

}

1. **Reverse a String**

using System;

class ReverseString

{

 static void Main()

 {

 Console.Write("Enter a string: ");

 string input = Console.ReadLine();

 char[] reversedArray = input.ToCharArray();

 Array.Reverse(reversedArray);

 string reversed = new string(reversedArray);

 Console.WriteLine("The reversed string is: " + reversed);

 }

}

1. **Factorial**

using System;

class Factorial

{

 static void Main()

 {

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

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

 int factorial = 1;

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

 {

 factorial \*= i;

 }

 Console.WriteLine("The factorial of " + num + " is: " + factorial);

 }

}