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);

}

}