

# Hello World

## C#

C# is a general-purpose, type-safe, object-oriented programming language. It was developed around 2000 by Microsoft as part of its .NET initiative.

## Comments

Comments are bits of text that are not executed. These lines can be used to leave notes and increase the readability of the program.

- Single line comments are created with two forward slashes `//`.
- Multi-line comments start with `/*` and end with `*/`. They are useful for commenting out large blocks of code.

```
// This is a single line comment
```

```
/* This is a multi-line comment  
and continues until the end  
of comment symbol is reached */
```

## Console.ReadLine()

The `Console.ReadLine()` method is used to get user input. The user input can be stored in a variable. This method can also be used to prompt the user to press

on the keyboard.

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

```
name = Console.ReadLine();
```

## .NET Platform

.NET is a free, cross-platform, open source developer platform for building many different types of applications. With .NET, you can use multiple languages, editors, and libraries to build for web, mobile, desktop, gaming, and IoT. Whether you're working in C#, F#, or Visual Basic, your code will run natively on any compatible OS. Different .NET implementations handle the heavy lifting for you.

## Console.WriteLine()

The `Console.WriteLine()` method is used to print text to the console. It can also be used to print other data types and values stored in variables.

```
Console.WriteLine("Hello, world!");
```

```
// Prints: Hello, world!
```

