

# Wrapping It Up

---



**Paolo Perrotta**

Freelance Developer

@nusco

# Summary

- **Generate “Hello, world!”**
- **Understand all of it!**
- **Turn it into a “real” program.**
- **Debug the program.**
- **Talk about what we did and C#’s philosophy.**

# “Hello, World!” in C#

More code than you might expect

```
using System;

namespace MyFirstProgram
{
    class Program
    {
        static void Main(string[] args)
        {
            Console.WriteLine("Hello World!");
        }
    }
}
```



# “Hello, World!” in C#

More code than you might expect

```
using System;
```

```
namespace MyFirstProgram
```

```
{
```

```
    class Program
```

```
    {
```

```
        static void Main(string[] args)
```

```
        {
```

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

```
        }
```

```
    }
```

```
}
```

# C# vs. JavaScript

## C#

```
static float FahrenheitToCelsius(float temperatureFahrenheit)
{
    float temperatureCelsius = (temperatureFahrenheit - 32) * 1.8f;
    return temperatureCelsius;
}
```

## JavaScript

```
function FahrenheitToCelsius(temperatureFahrenheit)
{
    temperatureCelsius = (temperatureFahrenheit - 32) * 1.8;
    return temperatureCelsius;
}
```

The formalities in C# help your IDE  
“understand” your code.

# Automated Tools That Help You Work on Code

**Autocomplete**

**Autocorrect**

**Code Navigation**

**“Smart” Debugging**

**Refactorings**

**Code Generation**

C#'s automated tools are great.



# Controlling Program Flow in C#

by Alex Wolf

C# is a rich, strongly typed language that provides many options for controlling the flow of your code. This course will teach you how to use various types of statements and expressions to add meaningful decision logic and handle tasks in your apps.

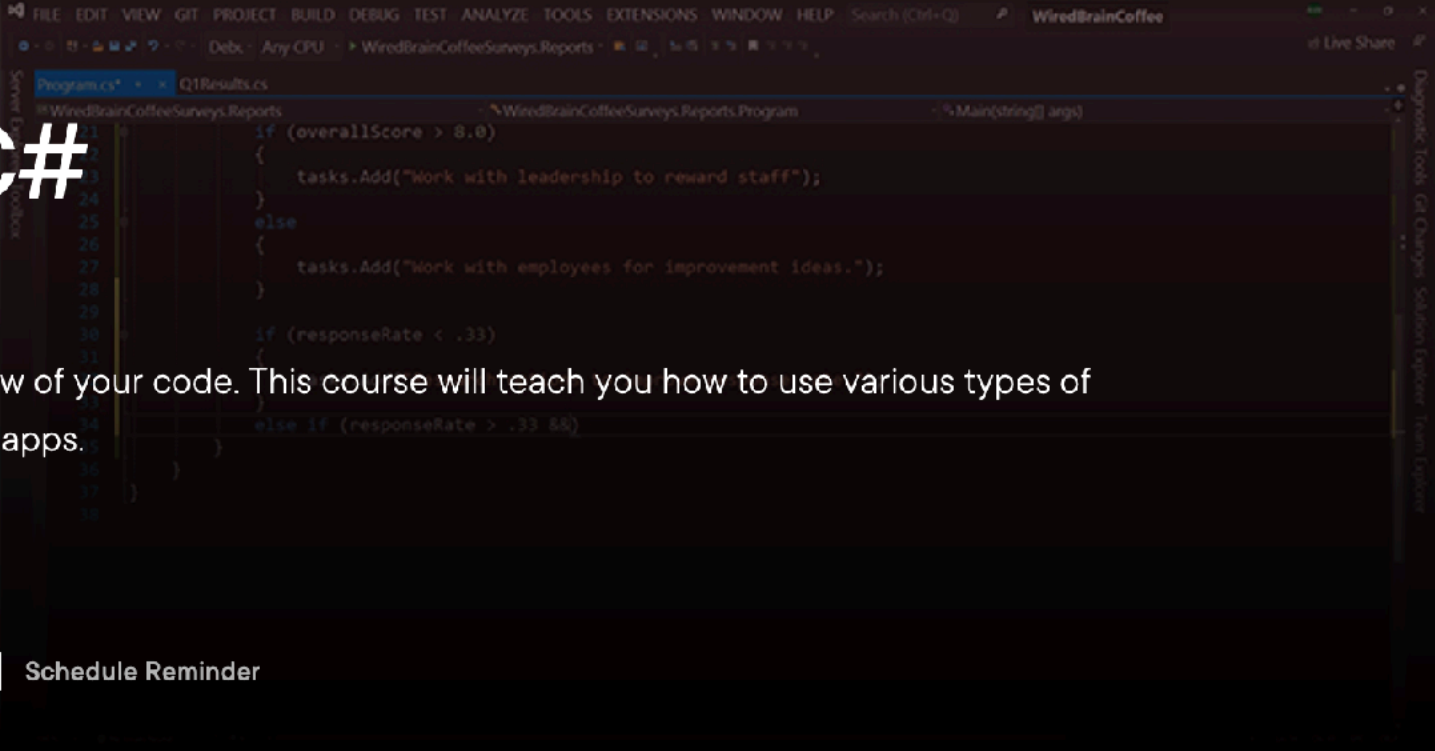
▶ Start Course

🔖 Bookmark

📡 Add to Channel

⬇ Download Course

📅 Schedule Reminder



- Table of contents
- Description
- Transcript
- Exercise files
- Discussion
- Related Courses

		Expand All
▶ Course Overview	🔖	1m 41s ▾
▶ Working with C# Statements	🔖	31m 16s ▾
▶ Branching Program Flow with Selection Statements	🔖	24m 50s ▾
▶ Looping through Tasks with Iteration Statements	🔖	29m 38s ▾
▶ Exploring Additional Program Flow and Statement Features	🔖	33m 23s ▾

## Course author



Alex Wolf

Alex Wolf is passionate about software development and mastering new technologies. He has several years of experience working almost exclusively with .NET platforms, such as SharePoint, NopCommerce...

## Course info

Level	Beginner
Rating	★★★★★
My rating	★★★★★
Duration	2h 0m
Released	29 Apr 2021

## Share course





The trademarks and trade names of third parties mentioned in this course are the property of their respective owners, and Pluralsight is not affiliated with or endorsed by these parties.


# Introduction to the C# Type System


by Gill Cleeren


C# is a strongly-typed language. In this course, you'll learn how to work with built-in data types, classes, interfaces, and inheritance.

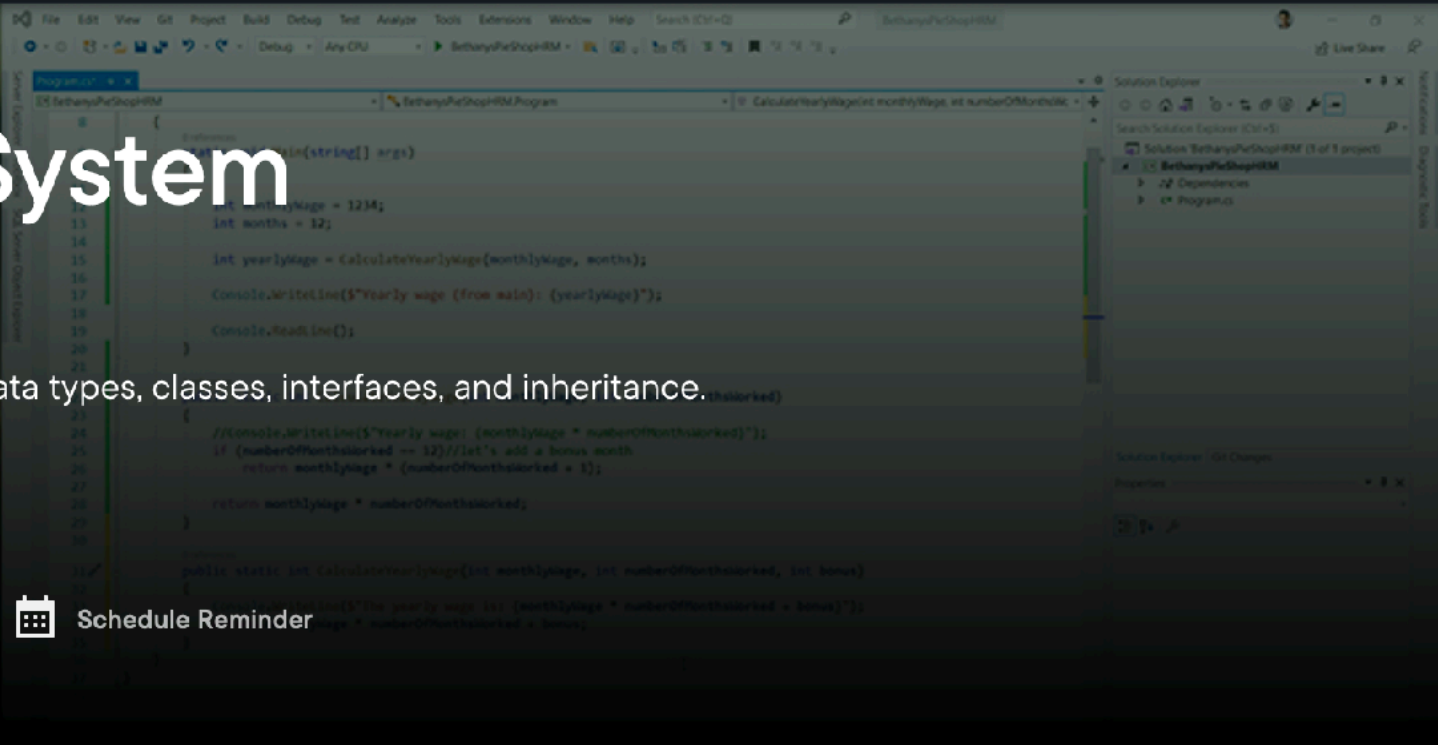
 Resume Course

 Bookmark



















 Add to Channel

 Download Course

 Schedule Reminder



- Table of contents
- Description
- Exercise files
- Discussion
- Related Courses

				Expand All
 Course Overview			2m 4s	
 Course Introduction			4m 50s	
 Using Built-in C# Data Types			45m 10s	
 Creating and Using Strings			40m 36s	
 Working with Methods			39m 21s	
 Understanding Value Types and Reference Types			32m 42s	
 Creating Your First Class and Objects			51m 10s	
 Doing More with Custom Types			32m 46s	

## Course author



Gill Cleeren is a Microsoft Regional Director, MVP and Pluralsight author. Gill is a freelance solution architect living in Belgium. He focuses on web and mobile development and loves Xamarin. He's...

## Course info

Level	Beginner
Rating	★★★★★ (12)
My rating	★★★★★
Duration	5h 18m
Released	14 Apr 2021

## Share course



Rating



Thank you!



**Paolo Perrotta**

Freelance Developer

@nusco