

C# Advanced Language Features

Getting Started



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Follow along using the exercise files



Overview



Delegates and Lambdas

Events

Overloading, Operator Overloading and Extension Methods

Anonymous Types

Tuples and Deconstruction

Pattern Matching

Record Types

Nullable Reference Types

Indexers, Ranges and Indices

Garbage Collection



Download the exercise

github.com/fekberg/c-sharp-advanced-language-features



Feel free to ask questions!



Version Check



This version was created by using:

- C# 12
- .NET 8
- Visual Studio 2022



Version Check



This course is 100% compatible with:

- C# 11
- .NET 7
- Visual Studio 2022



Relevant Notes



A note on frameworks, libraries and tools:

- Free community version of Visual Studio 2022
- Many language features work in older versions of C#
- Applicable to all types of .NET applications



Up Next:

Delegates and Lambdas

