

C# 10 Advanced Language Features

Introduction



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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# 10
- .NET 6
- 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



Next: **Delegates** and **Lambdas**

