# C# 10 cheat sheet

#### **Record structs**

public readonly record struct Point(double X, double Y, double Z);

### global using directives

global using static System.Math;

#### File-scoped namespace declaration

namespace MyNamespace;

#### Extended property patterns

if (e is MethodCallExpression { Method.Name: "MethodName" })

## Allow both assignment and declaration in the same deconstruction

```
int x = 0;
(x, int y) = point;
```