**C# 1.0** released with .NET 1.0

**C# 1.2** (bizarrely enough); released with .NET 1.1

**C# 2.0** released with .NET 2.0

**C# 3.0** released with .NET 3.5

**C# 4.0** released with .NET 4

**C# 5.0** released with .NET 4.5

**C# 6.0** released with .NET 4.6

**C# 7.0** released with .NET 4.6.2

**C# 7.3** released with .NET 4.7.2

**C# 8.0** released with NET Core 3.0

**C# 9.0** released with NET 5.0

**C# 10.0** released with NET 6.0

**C# 11.0** released with NET 7.0

The compiler determines a default based on these rules:

| **Target** | **Version** | **C# language version default** |
| --- | --- | --- |
| .NET | 8.x | C# 12 |
| .NET | 7.x | C# 11 |
| .NET | 6.x | C# 10 |
| .NET | 5.x | C# 9.0 |
| .NET Core | 3.x | C# 8.0 |
| .NET Core | 2.x | C# 7.3 |
| .NET Standard | 2.1 | C# 8.0 |
| .NET Standard | 2.0 | C# 7.3 |
| .NET Standard | 1.x | C# 7.3 |
| .NET Framework | all | C# 7.3 |

From developer command prompt **( Visual Studio > View > Terminal )** type :

csc -langversion:?

1. Visual Studio: Project > Properties > Build > Advanced  
   This option is disabled now, and the default language is decided by VS itself. The detailed reason is available [here](https://learn.microsoft.com/en-us/dotnet/csharp/language-reference/configure-language-version).
2. Type "#error version" in the code(.cs) anywhere, mousehover it.
3. Go to 'Developer Command Prompt for Visual Studio' and run following command. csc -langversion:?
4. D:\>csc --version
5. Microsoft (R) Visual C# Compiler version 3.4.0-beta1-19462-14 (2f21c63b)
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