**Csharp 08**

* SSSSSS
  + vvvvvvvvvvvvvvvvvvvv

6. Profiling or instrumenting of an application means to insert some code to watch the performance of an application.

7.Performance Counter lets you monitor the performance of an application. You can track what the computer is doing, i.e., the activity of the computer, CPU performance, etc. Keep an eye on the application or on the hardware.

C# 8.0 – 2019

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| --- | --- | --- | --- |
| C# 8.0 | .NET Core 3.0 | Visual Studio 2019 | * Readonly members * Default interface methods * Using declarations * Static local functions * Disposable ref structs * Nullable reference types * [Asynchronous streams](https://docs.microsoft.com/en-us/dotnet/csharp/whats-new/csharp-8#asynchronous-streams) * [Indices and ranges](https://docs.microsoft.com/en-us/dotnet/csharp/whats-new/csharp-8#indices-and-ranges) * [Null-coalescing assignment](https://docs.microsoft.com/en-us/dotnet/csharp/whats-new/csharp-8#null-coalescing-assignment) * [Unmanaged constructed types](https://docs.microsoft.com/en-us/dotnet/csharp/whats-new/csharp-8#unmanaged-constructed-types) * [Stackalloc in nested expressions](https://docs.microsoft.com/en-us/dotnet/csharp/whats-new/csharp-8#stackalloc-in-nested-expressions) * [Enhancement of interpolated verbatim strings](https://docs.microsoft.com/en-us/dotnet/csharp/whats-new/csharp-8#enhancement-of-interpolated-verbatim-strings) |