**🔍 Difference: ILogger vs Serilog**

| **Feature** | **ILogger (Inbuilt) ✅** | **Serilog (3rd Party) ✅** |
| --- | --- | --- |
| Built-in in ASP.NET Core | ✅ | ❌ (NuGet se add karna padta hai) |
| Console logging support | ✅ | ✅ |
| File logging | ❌ (manually karna padega) | ✅ Built-in sinks ke through |
| Structured logging (JSON) | ❌ | ✅ |
| Filters, enrichers | Basic support | ✅ Powerful control |
| Plug into cloud/DB/tools | Limited | ✅ Easily extensible |
| Production-ready logs | Basic | ✅ Advanced (log rotation, sinks, etc.) |

**🧠 Real-world Example:**

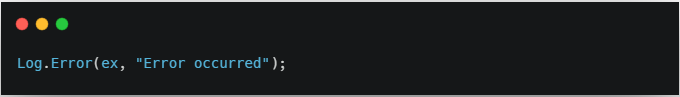
**✅ ILogger:**

* Light-weight
* Good for small projects
* Console/debug level ke logs ke liye kaafi



**✅ Serilog:**

* Large/complex apps ke liye suitable
* File, JSON, DB, Seq, etc. me log store kar sakte ho
* Readable aur searchable logs



**📌 Best Practice:**

🔸 Small project? → ILogger enough  
🔸 Production + file logging chahiye? → Serilog recommended