

OOP:-

1. Single Responsibility Principle
2. Do not Repeat Yourself Pattern
3. Singleton :- static & private ctor
4. Object Pool
5. Factory Pattern
6. Interface $\overset{\text{vers}}{\equiv}$ Abstract class.
7. Template \longleftrightarrow Template + Executor
- * Wrapper methods.

J. Constructor Level Dependency
Injection Pattern.

→ applications are open for
extensions but closed for
modifications-

g. Sealed class , sealed Method.

g. Virtual Override.

l0. Logger .

* Properties

→ Class Library files : .dll
[dynamic link libraries]

↳ refer → .exe app'n

Console.

* Collection] events & delegates.

VS22 developer command prompt:

```
> ildasm "assembly-Path.dll"
```



Opens a manifest window

We can see IL code by

clicking on methods -

* Form based Desktop based application

↳ Windows Presentation Foundation

C# , XAML (WPF) → window OS

↳ Win BI : 3 ←

↳ C# , XAML

Xamarin → .Net MAUI