Dependency Injection

Dependency Inversion Principle

- DIP – Dependency Inversion Principle states that
  - High level modules should not depend on low level modules
  - Abstractions should not depend on details

Inversion of Control

- The term Inversion of Control (IoC) refers to a programming style where a framework or runtime, controls the program flow.

- It works on Dependency Inversion Principle.

- The frameworks developed on top of .NET Framework use IoC

Dependency Injection

- DI is a design pattern that helps us develop loosely coupled code

- DI helps in maintainability of code and reduces the complexity of the software

NInject

- Ninject is a lightweight dependency injection framework for .NET applications.
- It helps you split your application into a collection of loosely-coupled, highly-cohesive pieces, and then glue them back together in a flexible manner