IOC : Inversion of Control

DI : Dependency Injection

Constructor base

Setter base

With configuration

Xml

Annotation

If object creation taken care by spring container by default spring container create singleton object.

Singleton is type of design pattern. If we want to create only one object of any class then we need to create singleton design pattern. Reference can be many but only one memory.

singleton : only one memory

prototype : each time new memory