**Spring**

* A powerful, open-source, application framework to reduce the complexity of enterprise application development
* It has layered architecture and loosely coupled
* Enables POJO programming that aids in continuous integration and testability
* Supports AOP
* Spring container – creates and manages the life cycle of application objects (components)
* Spring modules:



* Spring container creates objects, wires them together, configures them and manages their complete life cycle
* Spring configuration information configures the spring container. These metadata are provided in form of:
  + XML
  + Java Annotations
  + Java code
* DI in spring is done in two ways:
  + Constructor injection
  + Setter injection
* IoC containers in Spring
  + BeanFactory
  + ApplicationContext
* Five bean scopes are supported by Spring
  + Singleton
  + Prototype
  + Request
  + Session
  + Global-session
* Bean life cycle

