Spring

Spring is the most popular application development framework for enterprise Java. Millions of developers around the world use Spring Framework to create high performing, easily testable, and reusable code.

Spring Ioc Container:

The Spring container is at the core of the Spring Framework. The container will create the objects, wire them together, configure them, and manage their complete life cycle from creation till destruction. The Spring container uses DI to manage the components that make up an application. These objects are called Spring Beans

[**Spring BeanFactory Container**](https://www.tutorialspoint.com/spring/spring_beanfactory_container.htm): *org.springframework.beans.factory.BeanFactory*

[**Spring ApplicationContext Container**](https://www.tutorialspoint.com/spring/spring_applicationcontext_container.htm): *org.springframework.context.ApplicationContext* interface.

The *ApplicationContext* container includes all functionality of the *BeanFactory*container, so it is generally recommended over *BeanFactory*. BeanFactory can still be used for lightweight applications like mobile devices or applet-based applications where data volume and speed is significant.

Errors: Exception in thread "main" org.springframework.beans.factory.NoUniqueBeanDefinitionException: No qualifying bean of type 'com.beans.Empolyee' available: expected single matching bean but found 2: empolyeeOne,empolyeeTwo

Ante two objects bean tho create chesthey dani bean id separate ivali getBean lo lekapothet e exception

Ex: Empolyee emp=context.getBean(Empolyee.**class**);

System.***out***.println(emp);

Empolyee emp\_one=context.getBean(Empolyee.**class**);

System.***out***.println(emp\_one);

Errors: Another :Exception in thread "main" org.springframework.beans.factory.NoUniqueBeanDefinitionException: No qualifying bean of type 'com.beans.Empolyee' available: expected single matching bean but found 2: empolyeeOne,empolyeeTwo

Empolyee emp=(Empolyee) context.getBean("empolyeeOne");

System.***out***.println(emp);

System.***out***.println(emp.getEmp\_Name());

System.***out***.println(emp.getId());

Empolyee emp\_one=context.getBean(Empolyee.**class**);

System.***out***.println(emp\_one);

Ikkada 2 objects vunte nenu emi chesa onlye okka object dy id iccha anduke naku e error vacchindi

Rectification:

Empolyee emp=context.getBean(“empolyeeone”);

System.***out***.println(emp);

Empolyee emp\_one=context.getBean(“empolyetwo);

System.***out***.println(emp\_one);