Ony normal java class i.e initialized by 3pm LOC container is called spring Bear. Spring uses Apple Container is called spring Bear. Bear ruses Applin Consent to get the Spring Bean instance. 2) what is the diff bluen Beantactory & APKING. Bean-Tactory: Stinstantiales beans lazity.

- It has no support for Message International.

- Fation -> It has no event handling (ou) event propagato muchanism. Application Context: Beans are instantiated when Applin Content is loaded. -> It supports Message Intunationalization. -> It provides event - propagation to the beans which are participating in listening to Apply Context. i.e the beans implementing Applin Listenen in togace. 3) what is the significance of Beantactor interface in Joning. Bean-Factory helps in culating Spring object with some basic functionality amound object management through a well defined configure

Creating a Bean-Tactory from xml: Bearfactory factory = new Xml Bearfactory (new Fileling & what is ApplinContext in Spring? the Apple Context is the contral interface within a spring appen for promiding configuration into to the appln. The Apple Context provides: my -> Bean factory methods for accessing applin -> The ability to look file resources in a o components. generic fashion. In the ability to publish events to registered listereus. - the ability to readile mags to support internationalization. ali -> provides inhevitance suppost from a parent context. has what is the benefits of following loc pattoun. 1. your code gets decoupled so you can easily enchange implementations of an interface with alternative implementations a. It is a strong motivator for coding against interfaces instead of implementations objects it accepts in its constructor / settors & you can easily initalize them with the right objects in isolation. drustat is 100 in spring? loc is a design pattern followed to achieve Leose coupling botton Applin Conte Components. spring upos this pattern to achieve the gr us named as Inversion of control as the all taking bocking the control from dependent components & throwing it to -60me

container. A Bean is a cone container in oping A Bear-Tactory is a implementation of my factory pateur that applies loc to separate the applies the applies configuration & dependencies from the actual applin code. It is it confin heavel of spring (come contained) as it contained the LOC contains the loc corrlainer. Swhat is spring Framewoods? what are its The goring Framewoods is a java platform main modules? that provides comprehensive infrasmictus. suppost for developing java appla gring hardles the infrastructure part so you can focus on your appen pout arrently it consis of 5 major modules divided again ento sui modules. " GORE CONTAINER: It consids of the cou, bean, Content & Enpression larg modules. a DATA Access / INTERDATION: 91 consists of JDBC, GRM, OKM, JMS & Transaction modules 3 Web-serulet, web-smits & web-portlet modules. 4. AOP & Instrumentation: Spring's Approduk provides an ADP Calliance - complaint aspect oriented parming implementation allowing you to define, for ex: muthod interception er prointacts to cleanly decouple code that implemlents functionality that should be separated 5. Test: It supposts testing of spring largers with Junit (00) festing. It movedes consider Loading of gring Opplin Context & coching of

a what are the benefits of gring framework at is lightweight -> IOC (Inversion of control) → transaction management.

→ enception handling. is what are the common implementations of 1. ClaroPorthXml ApplinContext: It was the context the Applin Context definition from an XML file pront in the date path, truating context definitions as class path nevources. Files beans non! shud be present in 2. File System Xml ApplinContext: It loads the context definition from an XMI file present in the file system. Need to guille absolute path of the file beans nml. 56 AppanContext app=new Filesystem Xml AppanContat 3. Youldo Applo Context: It is used to supresent a spring container web appln. It leads bean definitions from more than one runt files we can specify their locations in to context Config location parameter in Contextloader Listener in web. riml. file.