**Spring core**

1. **Why spring?**

Spring is a lightweight framework. It provides support to other frameworks like ORM, JDBC, Strurts, JSF etc. It is built on the two theories in Java Association and Run time polymorphism. Spring recommend us to avoid the use of inheritance and use association instead of that. It makes the spring project very light weight and loosely coupled. It recommends to use simple pojo classes, bean creation and initializations are made dynamically or runtime i.e. runtime polymorphism.

1. **What is Ioc container?**

Inversion of control has two containers

* Core container
* J2ee container

Core container interface is BeanFactory, for j2ee it is ApplicationContext

Note: Spring MVC is made on Ioc container. It has another container interface named

WebApplicationContext i.e. known as webcontainer.

1. **What a spring container do?**

Spring container’s functionality is almost same with servlet containers.

* It reads the spring configuration xml file.
* Create instances of Beans or pojo classes
* Controls the lifecycle of beans
* Dynamically passing parameters at runtime, i.e. dependency injection