Spring Ioc :

* IOC – Inversion of control
* When you are developing any component, they may have some dependent resources.
* In term of spring, you can call the component as bean.
* To initialize the dependent component or resources, you can use the following ways:
  + - Create the object of the component and initialize.
    - Lookup the object of the component from registry and initialize.
* Spring IOC provides the way to create or lookup the required dependent and spring can inject or initialize those dependent automatically.
* Without Dependent Injection:

Class Hello {

A aobj;

B bobj;

Hello(){

aobj = new A();

bobj = ctx.lookup(“B-JNDI”);

}

Void show(){

Aboj.m1();

Bobj.m2();

}

}

With DI :

Class Hello {

A aobj;

B bobj;

Void show(){

Aboj.m1();

Bobj.m2();

}

}

Spring IOC or DI facility that you can inject or initialize the dependencies automatically.

* Steps to create spring app in eclipse:
* Create the java project
* Add the spring 3 jars to project build path
* Add the spring configuration XML file to src folder (jlcindia.xml) applicationContext.xml is by default name
* Write the required java classes and update the configuration file.