I ble have two types of Doc's containers O Bear-tactby -> Beanfactoy-Beamactoy is utilize only to develop smallscale Application - DApplication context ! It is also Pois container Mhere it is built on the top of Bearfactsy 130 We can conclude that application context is the Extended toward version of Bean factory. In our words application content is the child of Beanfactby TOC - Intersion of control Derteloping a Quick Chart Application using Beanfactsy Poc' container - 101 1013/573936 In order to provide the object clay details to the Toe container le all help of int file Beantactly snepulse resource object to get the details 21 13/10 fars of the object class Myspring, xmlx e beans Jay < bear id = "YIS" e lass = "com. ch. spring. Bike" 3d 610031 111 < Ibeans </bears > Did of silver of 136% 01 resource r= new class pathresource ("my spring. mm) 

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Kesour ce! Resource is on protestace and its child class dasspath Resource. is used to mop the configuration file to the bean -> The Reliance Object is stonding blue the configuration and the Focis container 1.e., Beanfactey Resource r= new class poth Recource ( "myspring xmc"); Beanfactor b= new xnlBeanfactory (1); (reference of Resource)

Bike bike = (Bike) b. getBean(" r15"); (reference of Resource) the are getting the object with the help of get bean method ("15") Which is a non-static We can perform constructionjection and setterinjection 26 con id = "car" class = " . - . - - " 3 13 13 -< constructs arg type = "int" value = "1"> < 100011 mets - orgs <constructó - org q value = 1 stachant"> < 1 constructó - org > < beans continued of sold post < lbeans> of the algument is string datatype raneed specifying datalype (type = "Ming") ent chass car s int id; string name; i hi ton 17700 [1119 సాంఘిక మలయు గీలజన సంక్షేమ శాఖల వాల ఉచిత సరఫరా

```
Car (int id, stringname) {
        this id = id;
                        this name = name;
            In the posto class i.e car class
              Poro - plane old Jaila object
            In terms of Hiberarate Framehork pojo called
    as entity

In terms of springframeworks poja exact it called
             Setter Injection - Into the miles of the setter Injection in the setter Inject
                                                                                                alite of the sate of the
                                     of Spring. xml
                < beans >
             < bean id = "car" class = "----" 15

properly type = "int" value = "int"

            < property of value = "Shachank">
               < lbean?
              « lb cars?
                                     It the argument is spring datatype no need
of specifying datalype (type = " string")
                                          cas
                     class
                                              name;
                                             సాంఘిక మలయు గిలజన సంక్షేమ శాఖల వాల ఉచిత సరఫరా
```

```
public void set Da (intid);
      this id = id;
         or sent a still-dergonolines and 1346 ?
   public int getta () ?
  pure return id;
   public int setalane (string name)
            4. 1906 19 194-190 1900 3110 19000)
     this name = name;
   public string get Name () {
                      3/11. 2 12011-1933 30-111 1900
      return name;
   In case of both constructs and setinjections it the
  datalype is otherthan string duch at primitives. We
   have to use type=primitive datalype".
   We cannot perform field injection directly with the help
   of spring rme configuration file.
             overcome the knc tiles by oceny java
         can
   -) For that we need to create a class Applontiqueration
Which is appropriente and mention a configuration on the
            @ configuration
           class App configuration &
           El configuration
              సాంఘిక మలయు గీలజన సంక్షేమ శాఖల వాల ఉచిత సరఫరా
```

- Jake above class depresents a jour configuration I this java configuration-file is utilize to communicate with the Poc Container i.e., Application content to But we have just epecified the class of configuration tile By using @ configuration. Annotation will not configure any off the joula objects. Applications and (For container) provides the jula objects. The when configure the object class details

a configuration

a componi scan a base package = " com, and,"

class Application configuration of exays. used to scan all the 6 component scan speafied valla classes which are proceed in Specified package to base package = l'comiannot. spring. Ato 11) This box package is configuration bigly with allo package - I so will scan the java classes which belongs to ato package only I Doc container created object of the classes Which is having a component annotation (a) component scan (base package = " com. annot") @ component Comparient scan always We sheck to anotation సాంఘిక మలియు గిలజన సంక్షేమ శాఖల వాల ఉచిత సరఫరా

Component, Controller, seevice \_-- etcxlote} It We Want to scan all type of Annotation in tach and Ellery package whe need to follow o pattern Which will be helpful to develop a project. As methion Below . signification in the property of property Graud Id: Com. Spring Artrifield Id; Annot-Confligt notosis package Name: con spring-Amot config Always If We name the placekagename as combination Of grupi'd & Artritype-Id which is good pratice to (179 pas 631 where 101 100 diagague. Com. annot - Spring - annot - config Package @ component scan l'base packager = "com. spring, annot. (a) configuration the Above Annotation component scan having base package of Common packagerhamed Which Will be scanning idto, Dag, service, package com spring armol - configuration. Scan all packages com. Spring. annol. Config. Controller com. spring, annot. config. dao; com-spring, annot config. dao. Impij comp spring, annot, config. service annot. Config. sesvice. Impi; సాంఘిక మలయు గిలజన సంక్షేమ శాఖల వాల ఉచిత సరఫరా

Com. Spring, annot coming. dto; ) Com. spring, annot config is the house foll out? packages 11. Annot ation Based configuration: Rith the help Annotation and jowa configuration file Ne can pertin constructolinjection, setterinjection and also fieldinjection is possible Construct81 injection with using Annotation: a component acomponent E my parties, mon s/2 17 Class English class Eng s Class Cas & Sand Market 19 19 19 19 cal (@ Autowired Engleng) · male de " Burno - Parigo - Larin and sporting this. eng = eng constructs injection is by default can be performed Without anutowired By perfining constructorinjection Without @Autowired We get the final owput. Among an Hyper of Enjections constructed injection re bettern than other type of injections. competition, tomes, protograms com spring, and while will, tong mos any of the same of the fines aniagens, times down in 192 pro බංංඛාජ කාවයා වීවසත් තිට්වූකා අතුව කව සිතුන් තිර්තුය

Settles Projection ! @ component Class cas s 6 component Eng eng; class eng @ Autowired . public void setting (enge) { This eng = e; In case of setterinjection we don't use @Autowired De get nullpointer Eraception I It is mandately that we need to check whether vied (b) rot. @ Autowired is 139/14 134/2 Field Injection :-12213 Blods 33 8097 @component @ component class engé class cas & anity 2300 @Autowired 2 337/2222 23381 31011676 Eng eng, Non't use a Dutowired 2013113/14 In case of field injection We THE WINDS De get null pointers suception Whither, @ Autowired It is mandatly to check is used (b) not. බංදේඛාජ කාවරා වර්සිත් හිරවූතා අතුව කව සිංහිජ හිරතුරු

in oder to develop a project we right follow the abstraction layer by creating intestale layer Ext com. Spring. annot - confug. sequice; L) User service (I) Com. Spring. annot - config. seguice- amps; L Usersequice & ampril (c) I usually we can create object directly but roc'container create objects for us - I he declass variable using superclass and its child class will be created. cuitas managher to top 3/1 Userseance occerseance; -) Too container Will inject the Object to the uses service 1.e., its child class user semice Impl of An Case if we used service have more than one Child class we get unsodistied dépendency injection 9,400 (2017 Exception @ component interface Userseevice & -class Uselsewice Empir 100 100 20 120 though 3/4 miles frield 11000 5 10 3000 108 implementle Userseaux class overceonice Implifi implements overseonice సాంఘిక మలయు గిలజన సంక్షేమ శాఖల వాల ఉచిత సరఫరా

o use aprimary at one of the child class aus oselsewice Ample implements milestras con deb forde o miles Jub at 6320 toscorpos 3d 3/1 0 Otteselvice oserteurice; // cocercelvice emp12 is injected Each and every time we need to swith @ primary disterent priors. Annotation Hw an go to aqualifier Usage of Qualifier: @ component interferce Users-centice E 100 Deservice Pmp1 2 implements useeseovice (11) to formy while for the state of the state of the formy west Class useaseonice amplements y 501115 1981/01/1019/1 10010 163 component montollassin prints elass Demoscenice @ Autowired @ qualifier ( value = " Userseenice Emp1") Uselselvice Userselvice; సాంఘిక మలయు గీలజన సంక్షేమ శాఖల వాల ఉచిత సరఫరా

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