

Spring IoC Assignments

- 1. Define a POJO class User having name, number and balance private variables. Define public methods to set and access these variables. Define a bean.xml file to declare a two different bean objects with properties values for them. Define test program to use the BeanFactory for reading these properties and display them in console window.**
- 2. For the above class define three different parameterized constructors and define ConstructBean.xml to apply constructor in jecton. Define test program to rerad these values.**
- 3. For the above program define method injection with method lookup and method replacement strategies in two different programs.**
- 4. Define Composite Employee class having User and Account type variables. Provide set methods for these variables in Employee. User and Account are pojo classes with some properties. Define config.xml to create User and Account types with ids. Set these ids to Employee type with bean ref tag in xml. Define test program to read these and display them.**
- 5. Define the above Employee program in Auto-wiring mode.**
- 6. Definer the Employee program in above-4 to check dependencies. Use all dependency check attributes. Assume suitable data.**
- 7. Define a class Printer with print Document method. Use Spring bean.xml to set this as Singleton and Non-Singleton and compare the objects in both the cases. Assume suitable additional data.**
- 8. For the User in assignment-1 above define a factory class UserFactory to return the User objects. Apply this behavior with spring. Use factory class and factory method approaches. Check with Singleton and Non- Singleton behavior for factory classes.**
