**Program – 1: Simple Spring Hello World Application & Handling Bean Life Cycle**

**1) Create a Java Bean – POJO (HelloWorld.java)**

package pkg;

public class HelloWorld

{

private String message;

public void setMessage(String message)

{

this.message = message;

}

public void getMessage()

{

System.out.println("Your Message : " + message);

}

public void init() //Bean Life Cycle

{

System.out.println("Calling Init Method");

}

public void destroy() //Bean Life Cycle

{

System.out.println("Bean is Destoyed");

}

}

**2) Create a class to Inject Dependency (MainApp.java)**

package pkg;

import org.springframework.context.ApplicationContext;

import org.springframework.context.support.\*;

public class MainApp {

public static void main(String[] args) {

AbstractApplicationContext context = new ClassPathXmlApplicationContext("Bean.xml");

HelloWorld obj = (HelloWorld) context.getBean("helloWorld");

obj.getMessage();

context.registerShutdownHook();

}

}

**3) Create XML Mapping File (Bean.xml)**

<?xml version="1.0" encoding="UTF-8"?>

<beans xmlns="http://www.springframework.org/schema/beans"

xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:schemaLocation=[http://www.springframework.org/schema/beans http://www.springframework.org/schema/beans/spring-beans-3.1.xsd](http://www.springframework.org/schema/beans%20http://www.springframework.org/schema/beans/spring-beans-3.1.xsd)>

<bean id="helloWorld" class="pkg.HelloWorld" init-method="init" destroy-method="destroy">

<property name="message" value="Hello World!"/>

</bean>

</beans>