**Week – 4**

**Spring Core – Load Country from Spring Configuration XML**

SpringLearnApplication.java

package com.cognizant.spring\_learn;

import org.slf4j.Logger;

import org.slf4j.LoggerFactory;

import org.springframework.boot.WebApplicationType;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

import org.springframework.context.ApplicationContext;

import org.springframework.context.support.ClassPathXmlApplicationContext;

*@SpringBootApplication*(

exclude = {

org.springframework.boot.autoconfigure.jdbc.DataSourceAutoConfiguration.class,

org.springframework.boot.autoconfigure.orm.jpa.HibernateJpaAutoConfiguration.class

}

)

public class SpringLearnApplication {

private static final Logger ***LOGGER*** = LoggerFactory.*getLogger*(SpringLearnApplication.class);

public static void main(String[] args) {

SpringApplication app = new SpringApplication(SpringLearnApplication.class);

app.setWebApplicationType(*WebApplicationType*.***NONE***);

app.run(args);

***LOGGER***.info("Spring Boot (non-web) application started successfully!");

*displayCountry*();

}

public static void displayCountry() {

ApplicationContext context = new ClassPathXmlApplicationContext("country.xml");

Country country = context.getBean("country", Country.class);

***LOGGER***.debug("Country : {}", country);

}

}

Country.java

package com.cognizant.spring\_learn;

import org.slf4j.Logger;

import org.slf4j.LoggerFactory;

public class Country {

private static final Logger ***LOGGER*** = LoggerFactory.*getLogger*(Country.class);

private String code;

private String name;

public Country() {

***LOGGER***.debug("Inside Country Constructor.");

}

public String getCode() {

***LOGGER***.debug("Inside getCode");

return code;

}

public void setCode(String code) {

***LOGGER***.debug("Inside setCode");

this.code = code;

}

public String getName() {

***LOGGER***.debug("Inside getName");

return name;

}

public void setName(String name) {

***LOGGER***.debug("Inside setName");

this.name = name;

}

*@Override*

public String toString() {

return "Country [code=" + code + ", name=" + name + "]";

}

}

Country.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*

*https://www.springframework.org/schema/beans/spring-beans.xsd"*>

<**bean** id=*"country"* class=*"com.cognizant.spring\_learn.Country"*>

<**property** name=*"code"* value=*"IN"* />

<**property** name=*"name"* value=*"India"* />

</**bean**>

</**beans**>

OUTPUT

