**Hands-On 1: Create a Spring Web Project using Maven**

**SpringLearnApplication.java**

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**Hands-On 4: Spring Core – Load Country from Spring Configuration XML**

**Country.java**

package com.cognizant.spring\_learn;

import org.slf4j.Logger;

import org.slf4j.LoggerFactory;

public class Country

{

private String code;

private String name;

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

public Country() {

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

}

public String getCode() {

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

return code;

}

public void setCode(String code) {

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

this.code = code;

}

public String getName() {

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

return name;

}

public void setName(String name) {

*LOGGER*.info("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*

*http://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>

**SpringLearnApplication.java**

package com.cognizant.spring\_learn;

import org.slf4j.Logger;

import org.slf4j.LoggerFactory;

import org.springframework.boot.autoconfigure.SpringBootApplication;

import org.springframework.context.ApplicationContext;

import org.springframework.context.support.ClassPathXmlApplicationContext;

@SpringBootApplication

public class SpringLearnApplication {

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

public static void main(String[] args) {

*LOGGER*.info("START of main()");

*displayCountry*();

*LOGGER*.info("END of main()");

}

public static void displayCountry() {

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

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

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

}

}

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