**Ex 5-REST - Get country based on country code**

**country.xml**

<bean id="countryList" class="java.util.ArrayList">

<constructor-arg>

<list>

<bean class="com.cognizant.springlearn.Country">

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

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

</bean>

<bean class="com.cognizant.springlearn.Country">

<property name="code" value="US"/>

<property name="name" value="United States"/>

</bean>

<!-- add more beans as needed -->

</list>

</constructor-arg>

</bean>

**Service layer  
com.cognizant.springlearn.service.CountryService**

@Service

public class CountryService {

@Autowired

private ApplicationContext context; // loads country.xml

public Country getCountry(String code) {

List<Country> list = context.getBean("countryList", List.class);

return list.stream()

.filter(c -> c.getCode().equalsIgnoreCase(code))

.findFirst()

.orElseThrow(() -> new CountryNotFoundException(code));

}

}

**Controller**

@RestController

public class CountryController {

@Autowired

private CountryService countryService;

@GetMapping("/country/{code}")

public Country getCountry(@PathVariable String code) {

return countryService.getCountry(code);

}

}

**Output:**

<http://localhost:8080/country/in>

