spring-rest-handson

# Create a Spring Web Project using Maven

Steps:  
1. Open Spring Tool Suite / IntelliJ IDEA.  
2. Create a Maven Project.  
3. Add Spring Boot starter dependencies in pom.xml.  
Example pom.xml snippet:  
<dependency>  
 <groupId>org.springframework.boot</groupId>  
 <artifactId>spring-boot-starter-web</artifactId>  
</dependency>

# Spring Core – Load Country from Spring Configuration XML

@Configuration  
public class AppConfig {  
 @Bean  
 public Country country() {  
 Country country = new Country();  
 country.setName("India");  
 country.setCode("IN");  
 return country;  
 }  
}

# Hello World RESTful Web Service

@RestController  
public class HelloController {  
 @GetMapping("/hello")  
 public String hello() {  
 return "Hello World";  
 }  
}

# REST - Country Web Service

@RestController  
public class CountryController {  
 @GetMapping("/country")  
 public Country getCountry() {  
 return new Country("India", "IN");  
 }  
}

# REST - Get country based on country code

@RestController  
public class CountryController {  
 @GetMapping("/country/{code}")  
 public Country getCountryByCode(@PathVariable String code) {  
 if(code.equalsIgnoreCase("IN"))  
 return new Country("India", "IN");  
 return null;  
 }  
}