**Hands on 4**

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

**SME to provide more detailing about the following aspects:**

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| **Tag/Attribute** | **Purpose** |
| <bean> | Declares a Spring-managed object |
| id="country" | ID to reference the bean |
| class="..." | Fully-qualified name of the Java class |
| <property> | Injects value into the field |
| name="code" | Maps to setter method setCode() |
| value="IN" | Injected value for the property |

1. Spring Bean Configuration Tags
2. ApplicationContext & ClassPathXmlApplicationContext

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| **Term** | **Explanation** |
| ApplicationContext | Interface for Spring's IoC container |
| ClassPathXmlApplicationContext | Reads configuration from the classpath (XML file) |

1. What Happens in context.getBean("country", Country.class)

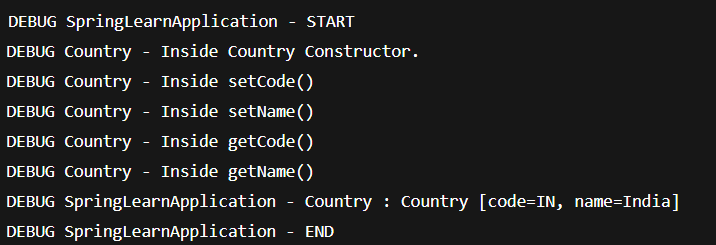
* **Behind the scenes:**

1. Spring parses the country.xml.
2. It finds <bean id="country" class="...">.
3. Spring uses reflection to:

* Call the no-argument constructor
* Call setCode("IN")
* Call setName("India")

1. Bean is returned to the calling method (displayCountry()).

**Sample Output:**

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