***Exercise 4: Creating and Configuring a Maven Project***

**Adding Spring Dependencies in pom.xml:** Spring dependencies like spring-context, spring-aop, and spring-webmvc are added in the <dependencies> section of pom.xml. spring-context provides core features like dependency injection. spring-aop supports aspect-oriented programming for modularizing cross-cutting concerns. spring-webmvc enables building Spring-based web applications using the Model-View-Controller pattern.

**Configuring the Maven Compiler Plugin:** In the <build> section, the maven-compiler-plugin is used to tell Maven which Java version to use for compiling. By setting both source and target to 1.8, it ensures your code is written and compiled with Java 8 compatibility, which is required for running Spring



