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

**Project Structure**

spring-basic-app/

├── src/

│ ├── main/

│ │ ├── java/com/example/

│ │ └── resources/

│ └── test/

│ └── java/

*pom.xml*

<project xmlns="http://maven.apache.org/POM/4.0.0"

xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:schemaLocation="

http://maven.apache.org/POM/4.0.0

https://maven.apache.org/xsd/maven-4.0.0.xsd">

<modelVersion>4.0.0</modelVersion>

<groupId>com.example</groupId>

<artifactId>spring-basic-app</artifactId>

<version>1.0-SNAPSHOT</version>

<properties>

<maven.compiler.source>1.8</maven.compiler.source>

<maven.compiler.target>1.8</maven.compiler.target>

</properties>

<dependencies>

<!-- JUnit for testing -->

<dependency>

<groupId>junit</groupId>

<artifactId>junit</artifactId>

<version>4.13.2</version>

<scope>test</scope>

</dependency>

</dependencies>

<build>

<plugins>

<!-- Maven compiler plugin -->

<plugin>

<artifactId>maven-compiler-plugin</artifactId>

<version>3.8.1</version>

</plugin>

<!-- Plugin to run main class -->

<plugin>

<groupId>org.codehaus.mojo</groupId>

<artifactId>exec-maven-plugin</artifactId>

<version>3.1.0</version>

<configuration>

<mainClass>com.example.App</mainClass>

</configuration>

</plugin>

</plugins>

</build>

</project>

*App.java*

package com.example;

public class App {

public static void main(String[] args) {

System.out.println("Hello from Maven Project!");

}

}

**Running command**

mvn clean compile

mvn exec:java

**Output**

Hello from Maven Project!

