Exercise 1: Create a Spring Web Project using Maven

Code:

SpringLearnApplication.java

package com.cognizant.springlearn;  
  
import org.springframework.boot.SpringApplication;  
import org.springframework.boot.autoconfigure.SpringBootApplication;  
  
@SpringBootApplication  
public class SpringLearnApplication {  
  
 public static void main(String[] args) {  
 System.*out*.println("Starting SpringLearn Application...");  
 SpringApplication.*run*(SpringLearnApplication.class, args);  
 }  
  
}

pom.xml

<?xml version="1.0" encoding="UTF-8"?>  
<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>  
 <parent>  
 <groupId>org.springframework.boot</groupId>  
 <artifactId>spring-boot-starter-parent</artifactId>  
 <version>4.0.0-SNAPSHOT</version>  
 <relativePath/> <!-- lookup parent from repository -->  
 </parent>  
 <groupId>com.cognizant</groupId>  
 <artifactId>spring-learn</artifactId>  
 <version>0.0.1-SNAPSHOT</version>  
 <name>spring-learn</name>  
 <description>Demo project for Spring Boot</description>  
 <url/>  
 <licenses>  
 <license/>  
 </licenses>  
 <developers>  
 <developer/>  
 </developers>  
 <scm>  
 <connection/>  
 <developerConnection/>  
 <tag/>  
 <url/>  
 </scm>  
 <properties>  
 <java.version>17</java.version>  
 </properties>  
 <dependencies>  
 <dependency>  
 <groupId>org.springframework.boot</groupId>  
 <artifactId>spring-boot-starter-web</artifactId>  
 </dependency>  
  
 <dependency>  
 <groupId>org.springframework.boot</groupId>  
 <artifactId>spring-boot-devtools</artifactId>  
 <scope>runtime</scope>  
 <optional>true</optional>  
 </dependency>  
 <dependency>  
 <groupId>org.springframework.boot</groupId>  
 <artifactId>spring-boot-starter-test</artifactId>  
 <scope>test</scope>  
 </dependency>  
 </dependencies>  
  
 <build>  
 <plugins>  
 <plugin>  
 <groupId>org.springframework.boot</groupId>  
 <artifactId>spring-boot-maven-plugin</artifactId>  
 </plugin>  
 </plugins>  
 </build>  
 <repositories>  
 <repository>  
 <id>spring-milestones</id>  
 <name>Spring Milestones</name>  
 <url>https://repo.spring.io/milestone</url>  
 <snapshots>  
 <enabled>false</enabled>  
 </snapshots>  
 </repository>  
 <repository>  
 <id>spring-snapshots</id>  
 <name>Spring Snapshots</name>  
 <url>https://repo.spring.io/snapshot</url>  
 <releases>  
 <enabled>false</enabled>  
 </releases>  
 </repository>  
 </repositories>  
 <pluginRepositories>  
 <pluginRepository>  
 <id>spring-milestones</id>  
 <name>Spring Milestones</name>  
 <url>https://repo.spring.io/milestone</url>  
 <snapshots>  
 <enabled>false</enabled>  
 </snapshots>  
 </pluginRepository>  
 <pluginRepository>  
 <id>spring-snapshots</id>  
 <name>Spring Snapshots</name>  
 <url>https://repo.spring.io/snapshot</url>  
 <releases>  
 <enabled>false</enabled>  
 </releases>  
 </pluginRepository>  
 </pluginRepositories>  
  
</project>

Output:

