1. Set up a Spring framework environment

Pom.xml

```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
http://maven.apache.org/xsd/maven-4.0.0.xsd">
  <modelVersion>4.0.0</modelVersion>

  <groupId>com</groupId>
  <artifactId>ecommerce</artifactId>
  <version>0.0.1-SNAPSHOT</version>
  <packaging>war</packaging>

  <name>ecommerce Maven Webapp</name>
  <!-- FIXME change it to the project's website -->
  <url>http://www.example.com</url>

  <properties>

      <org.springframework.version>6.0.4</org.springframework.version>
          <maven.compiler.source>1.8</maven.compiler.source>
          <maven.compiler.target>1.8</maven.compiler.target>
      </properties>
      <dependencies>
          <dependency>
              <groupId>junit</groupId>
              <artifactId>junit</artifactId>
              <version>3.8.1</version>
              <scope>test</scope>
          </dependency>
          <dependency>
              <groupId>org.springframework</groupId>
              <artifactId>spring-core</artifactId>
              <version>${org.springframework.version}</version>
          </dependency>
          <dependency>
              <groupId>org.springframework</groupId>
              <artifactId>spring-expression</artifactId>
              <version>${org.springframework.version}</version>
          </dependency>
          <dependency>
              <groupId>org.springframework</groupId>
              <artifactId>spring-beans</artifactId>
              <version>${org.springframework.version}</version>
          </dependency>
          <dependency>
              <groupId>org.springframework</groupId>
              <artifactId>spring-context</artifactId>
              <version>${org.springframework.version}</version>
          </dependency>
          <dependency>
              <groupId>org.springframework</groupId>
              <artifactId>spring-context-support</artifactId>
              <version>${org.springframework.version}</version>
          </dependency>
          <dependency>
              <groupId>org.springframework</groupId>
```

```xml
            <artifactId>spring-jdbc</artifactId>
            <version>${org.springframework.version}</version>
        </dependency>
        <dependency>
            <groupId>org.springframework</groupId>
            <artifactId>spring-orm</artifactId>
            <version>${org.springframework.version}</version>
        </dependency>
        <dependency>
            <groupId>org.springframework</groupId>
            <artifactId>spring-web</artifactId>
            <version>${org.springframework.version}</version>
        </dependency>
        <dependency>
            <groupId>org.springframework</groupId>
            <artifactId>spring-webmvc</artifactId>
            <version>${org.springframework.version}</version>
        </dependency>
        <dependency>
            <groupId>javassist</groupId>
            <artifactId>javassist</artifactId>
            <version>3.12.1.GA</version>
        </dependency>
        <dependency>
            <groupId>taglibs</groupId>
            <artifactId>standard</artifactId>
            <version>1.1.2</version>
            <scope>runtime</scope>
        </dependency>
        <dependency>
            <groupId>commons-dbcp</groupId>
            <artifactId>commons-dbcp</artifactId>
            <version>1.4</version>
        </dependency>
        <!--
    https://mvnrepository.com/artifact/jakarta.servlet.jsp/jakarta.servlet.jsp-api -->
        <!--<dependency>
            <groupId>jakarta.servlet</groupId>
            <artifactId>jakarta.servlet-api</artifactId>
            <version>6.0.0</version>
        </dependency>-->
        <!--
https://mvnrepository.com/artifact/javax.servlet/javax.servlet-api -->
        <dependency>
            <groupId>javax.servlet</groupId>
            <artifactId>javax.servlet-api</artifactId>
            <version>3.0.1</version>
            <scope>provided</scope>
        </dependency>
        <!--
    https://mvnrepository.com/artifact/jakarta.servlet.jsp.jstl/jakarta.servlet.jsp.jstl-api -->
        <dependency>
            <groupId>jakarta.servlet.jsp.jstl</groupId>
            <artifactId>jakarta.servlet.jsp.jstl-api</artifactId>
            <version>3.0.0</version>
        </dependency>
```

```xml
            <dependency>
                <groupId>mysql</groupId>
                <artifactId>mysql-connector-java</artifactId>
                <version>8.0.32</version>
            </dependency>
            <dependency>
                <groupId>javax.persistence</groupId>
                <artifactId>persistence-api</artifactId>
                <version>1.0.2</version>
                <scope>provided</scope>
            </dependency>
        </dependencies>


    <build>
      <finalName>ecommerce</finalName>
      <pluginManagement><!-- lock down plugins versions to avoid using Maven
defaults (may be moved to parent pom) -->
        <plugins>
          <plugin>
            <artifactId>maven-clean-plugin</artifactId>
            <version>3.1.0</version>
          </plugin>
          <!-- see http://maven.apache.org/ref/current/maven-core/default-
bindings.html#Plugin_bindings_for_war_packaging -->
          <plugin>
            <artifactId>maven-resources-plugin</artifactId>
            <version>3.0.2</version>
          </plugin>
          <plugin>
            <artifactId>maven-compiler-plugin</artifactId>
            <version>3.8.0</version>
          </plugin>
          <plugin>
            <artifactId>maven-surefire-plugin</artifactId>
            <version>2.22.1</version>
          </plugin>
          <plugin>
            <artifactId>maven-war-plugin</artifactId>
            <version>3.2.2</version>
          </plugin>
          <plugin>
            <artifactId>maven-install-plugin</artifactId>
            <version>2.5.2</version>
          </plugin>
          <plugin>
            <artifactId>maven-deploy-plugin</artifactId>
            <version>2.8.2</version>
          </plugin>
        </plugins>
      </pluginManagement>
    </build>
</project>
```

[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/slf4j/slf4j-jdk14/1.5.6/slf4j-jdk14-1.5.6.jar (8.8 kB at 84 kB/s)
[INFO] Downloading from : https://repo.maven.apache.org/maven2/org/apache/maven/maven-error-diagnostics/2.2.1/maven-error-diagnostics-2.2.1.jar
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-parameter-documenter/2.2.1/maven-plugin-parameter-documenter-2.2.1.jar (22 kB at 154 kB/s)
[INFO] Downloading from : https://repo.maven.apache.org/maven2/org/apache/maven/maven-monitor/2.2.1/maven-monitor-2.2.1.jar
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/slf4j/jcl-over-slf4j/1.5.6/jcl-over-slf4j-1.5.6.jar (17 kB at 114 kB/s)
[INFO] Downloading from : https://repo.maven.apache.org/maven2/org/apache/maven/maven-toolchain/2.2.1/maven-toolchain-2.2.1.jar
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/maven/maven-repository-metadata/2.2.1/maven-repository-metadata-2.2.1.jar (26 kB at 186 kB/s)
[INFO] Downloading from : https://repo.maven.apache.org/maven2/com/thoughtworks/qdox/qdox/2.0-M8/qdox-2.0-M8.jar
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/slf4j/slf4j-api/1.5.6/slf4j-api-1.5.6.jar (22 kB at 113 kB/s)
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/maven/maven-error-diagnostics/2.2.1/maven-error-diagnostics-2.2.1.jar (13 kB at 87 kB/s)
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/maven/maven-monitor/2.2.1/maven-monitor-2.2.1.jar (10 kB at 84 kB/s)
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/com/thoughtworks/qdox/qdox/2.0-M8/qdox-2.0-M8.jar (316 kB at 3.2 MB/s)
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/maven/maven-toolchain/2.2.1/maven-toolchain-2.2.1.jar (38 kB at 97 kB/s)
[INFO]
[INFO] --- maven-war-plugin:3.2.2:war (default-war) @ ecommerce ---
[INFO] Packaging webapp
[INFO] Assembling webapp [ecommerce] in [E:\Advance\ecommerce\target\ecommerce]
[INFO] Processing war project
[INFO] Copying webapp resources [E:\Advance\ecommerce\src\main\webapp]
[INFO] Webapp assembled in [296 msecs]
[INFO] Building war: E:\Advance\ecommerce\target\ecommerce.war
[INFO]
[INFO] --- maven-install-plugin:2.5.2:install (default-install) @ ecommerce ---
[INFO] Downloading from : https://repo.maven.apache.org/maven2/commons-codec/commons-codec/1.6/commons-codec-1.6.pom
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/commons-codec/commons-codec/1.6/commons-codec-1.6.pom (11 kB at 228 kB/s)
[INFO] Downloading from : https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-utils/0.4/maven-shared-utils-0.4.pom
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-utils/0.4/maven-shared-utils-0.4.pom (4.0 kB at 74 kB/s)
[INFO] Downloading from : https://repo.maven.apache.org/maven2/commons-codec/commons-codec/1.6/commons-codec-1.6.jar
[INFO] Downloading from : https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-utils/0.4/maven-shared-utils-0.4.jar
[INFO] Downloading from : https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0.15/plexus-utils-3.0.15.jar
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-utils/0.4/maven-shared-utils-0.4.jar (155 kB at 1.3 MB/s)
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/commons-codec/commons-codec/1.6/commons-codec-1.6.jar (233 kB at 1.9 MB/s)
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0.15/plexus-utils-3.0.15.jar (239 kB at 1.6 MB/s)
[INFO] Installing E:\Advance\ecommerce\target\ecommerce.war to C:\Users\Me\.m2\repository\com\ecommerce\0.0.1-SNAPSHOT\ecommerce-0.0.1-SNAPSHOT.war
[INFO] Installing E:\Advance\ecommerce\pom.xml to C:\Users\Me\.m2\repository\com\ecommerce\0.0.1-SNAPSHOT\ecommerce-0.0.1-SNAPSHOT.pom
[INFO] --
[INFO] BUILD SUCCESS
[INFO] --
[INFO] Total time: 5.704 s
[INFO] Finished at: 2023-06-06T10:49:30+05:30
[INFO] --