## **Create a Spring Web Project using Maven**

## Code:

```
src/main/java/com/springweb/controller/HelloController.java:
package com.springweb.controller;
import org.springframework.stereotype.Controller;
import org.springframework.web.bind.annotation.RequestMapping;
import org.springframework.web.servlet.ModelAndView;
@Controller
public class HelloController {
  @RequestMapping("/")
  public ModelAndView helloWorld() {
    ModelAndView mav = new ModelAndView("index");
    mav.addObject("message", "Hello Spring MVC!");
    return mav;
  }
}
src/main/webapp/WEB-INF/applicationContext.xml:
<?xml version="1.0" encoding="UTF-8"?>
<beans xmlns="http://www.springframework.org/schema/beans"</pre>
   xmlns:mvc="http://www.springframework.org/schema/mvc"
   xmlns:context="http://www.springframework.org/schema/context"
   xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
   xsi:schemaLocation="
     http://www.springframework.org/schema/beans
     http://www.springframework.org/schema/beans/spring-beans.xsd
     http://www.springframework.org/schema/context
     http://www.springframework.org/schema/context/spring-context.xsd
     http://www.springframework.org/schema/mvc
     http://www.springframework.org/schema/mvc/spring-mvc.xsd">
  <context:component-scan base-package="com.springweb.controller" />
  <mvc:annotation-driven />
  <bean class="org.springframework.web.servlet.view.InternalResourceViewResolver">
```

```
cproperty name="prefix" value="/WEB-INF/views/" />
    cproperty name="suffix" value=".jsp" />
  </bean>
</beans>
src/main/webapp/WEB-INF/web.xml:
<?xml version="1.0" encoding="UTF-8"?>
<web-app xmlns="http://java.sun.com/xml/ns/javaee"</pre>
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="http://java.sun.com/xml/ns/javaee
              http://java.sun.com/xml/ns/javaee/web-app_3_0.xsd"
    version="3.0">
  <servlet>
    <servlet-name>dispatcher</servlet-name>
    <servlet-class>org.springframework.web.servlet.DispatcherServlet</servlet-class>
    <init-param>
      <param-name>contextConfigLocation</param-name>
      <param-value>/WEB-INF/applicationContext.xml</param-value>
    </init-param>
    <load-on-startup>1</load-on-startup>
  </servlet>
  <servlet-mapping>
    <servlet-name>dispatcher</servlet-name>
    <url-pattern>/</url-pattern>
  </servlet-mapping>
  <welcome-file-list>
    <welcome-file>index.jsp</welcome-file>
  </welcome-file-list>
</web-app>
src/main/webapp/WEB-INF/views/index.jsp:
<html>
<head>
  <title>Hello Spring MVC</title>
</head>
<body>
```

```
<h2>${message}</h2>
</body>
</html>
pom.xml:
project xmIns="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.springweb
 <artifactId>spring_web</artifactId>
 <version>1.0</version>
 <packaging>war</packaging>
 cproperties>
   <java.version>1.8</java.version>
 </properties>
 <dependencies>
 <dependency>
   <groupId>org.springframework
   <artifactId>spring-webmvc</artifactId>
   <version>5.3.36!-- Use latest 5.x for compatibility -->
 </dependency>
 <dependency>
   <groupId>javax.servlet
   <artifactId>jstl</artifactId>
   <version>1.2</version>
 </dependency>
 <dependency>
   <groupId>javax.servlet
   <artifactId>javax.servlet-api</artifactId>
   <version>4.0.1</version>
   <scope>provided</scope>
 </dependency>
 <dependency>
```

```
<groupId>javax.servlet.jsp</groupId>
    <artifactId>javax.servlet.jsp-api</artifactId>
    <version>2.3.3</version>
    <scope>provided</scope>
  </dependency>
</dependencies>
  <build>
    <plugins>
      <plugin>
        <artifactId>maven-compiler-plugin</artifactId>
        <version>3.8.1</version>
        <configuration>
          <source>1.8</source>
          <target>1.8</target>
        </configuration>
      </plugin>
    </plugins>
  </build>
</project>
```

## **Output:**



Hello Spring MVC!