File → New → Project → Maven → give project name and →select webapp archetype under internal catalog → finish

If you face error on first line in pom.xml file “Could not initialize class org.apache.maven.plugin.war.util.WebappStructureSerializer” then add below code under <build> tag.

```
<plugins>
        <plugin>
            <groupId>org.springframework.boot</groupId>
            <artifactId>spring-boot-maven-plugin</artifactId>
        </plugin>
        <plugin>
            <groupId>org.apache.maven.plugins</groupId>
            <artifactId>maven-war-plugin</artifactId>
            <version>3.3.1</version>
        </plugin>
</plugins>
```

If you face error near projectname

```
Right click on project → maven → update project
```

Add Spring dependencies in pom.xml file under dependency tag

```
<!-- https://mvnrepository.com/artifact/org.springframework/spring-webmvc -->
<dependency>
   <groupId>org.springframework</groupId>
   <artifactId>spring-webmvc</artifactId>
   <version>5.2.19.RELEASE</version>
</dependency>
```

Steps to create MVC Application

1. Create Dispatcher servlet under web.xml file

```
<servlet>
  <servlet-name>spring</servlet-name>
  <servlet-class>org.springframework.web.servlet.DispatcherServlet</servlet-class>
</servlet>

<servlet-mapping>
  <servlet-name>spring</servlet-name>
  <url-pattern>/</url-pattern>
</servlet-mapping>
```

2. Create Spring Configuration file under WEB-INF folder with the name "servletname-servlet.xml" e.g spring-servlet.xml

Add following code in spring configuration file.

```
<?xml version="1.0" encoding="UTF-8"?>
<beans xmlns="http://www.springframework.org/schema/beans"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:context="http://www.springframework.org/schema/context"
    xmlns:tx="http://www.springframework.org/schema/tx"
    xmlns:mvc="http://www.springframework.org/schema/mvc"
    xsi:schemaLocation="http://www.springframework.org/schema/mvc
    http://www.springframework.org/schema/mvc/spring-mvc.xsd
    http://www.springframework.org/schema/beans
    http://www.springframework.org/schema/beans/spring-beans-3.0.xsd
    http://www.springframework.org/schema/context
    http://www.springframework.org/schema/context/spring-context-3.0.xsd
    http://www.springframework.org/schema/tx
    http://www.springframework.org/schema/tx/spring-tx-4.0.xsd">



 </beans>
```

3. Create View Resolver under spring configuration file

```
<?xml version="1.0" encoding="UTF-8"?>
<beans xmlns="http://www.springframework.org/schema/beans"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:context="http://www.springframework.org/schema/context"
    xmlns:tx="http://www.springframework.org/schema/tx"
    xmlns:mvc="http://www.springframework.org/schema/mvc"
    xsi:schemaLocation="http://www.springframework.org/schema/mvc
    http://www.springframework.org/schema/mvc/spring-mvc.xsd
    http://www.springframework.org/schema/beans
    http://www.springframework.org/schema/beans/spring-beans-3.0.xsd
    http://www.springframework.org/schema/context
    http://www.springframework.org/schema/context/spring-context-3.0.xsd
    http://www.springframework.org/schema/tx
    http://www.springframework.org/schema/tx/spring-tx-4.0.xsd">


  <bean class="org.springframework.web.servlet.view.InternalResourceViewResolver"
name="viewresolver">
   <property name="prefix" value="/WEB-INF/views/"></property>
   <property name="suffix" value=".jsp"></property>
   </bean>

 </beans>
```

Extension of view files

Location to store JSP files (view file)

4. Create controller

```
package spring2.controller;

import org.springframework.stereotype.Controller;
import org.springframework.web.bind.annotation.RequestMapping;

@Controller
public class HomeController
{

        @RequestMapping ("/home")
        public String Home()
        {
                return "index";
        }

}
```

5. Create view page under /WEB-INF/Views/