**OPEN A NEW SPRING STARTER PROJECT**

* Right click -> NEW -> Spring Starter Project



**Name the project using reverse .com naming convention**

* make matching Group and package
* make matching Name and artifact



**ADD PROJECT DEPENDENCIES**

* 2.7.7 for mysql connector (Now 2.7.9)
* Select - Spring Boot DevTools
* Select Spring Web



**Add controller and class packages to house the controllers and class items inside src/main/java/(projectpackagename)**



**Add dependencies to the project**



* Pom.web holds dependencies container

<dependency>

<groupId>org.apache.tomcat.embed</groupId>

<artifactId>tomcat-embed-jasper</artifactId>

</dependency>

<dependency>

<groupId>javax.servlet.jsp</groupId>

<artifactId>javax.servlet.jsp-api</artifactId>

<version>2.2.1</version>

<scope>provided</scope>

</dependency>

<dependency>

<groupId>org.webjars</groupId>

<artifactId>webjars-locator</artifactId>

<version>0.46</version>

</dependency>

<!-- BOOTSTRAP DEPENDENCIES -->

<dependency>

<groupId>org.webjars</groupId>

<artifactId>bootstrap</artifactId>

<version>5.2.3</version>

</dependency>

**ADD -> WEB-INF folder and then put all JSP files inside it**



**In the application.properties add –**

spring.mvc.view.prefix=/WEB-INF/



**Add style and js files in the SRC/MAIN/RESOURCES / STATIC folder**



**Add front end dependencies into JSP files ---**

* Import tags at top of the page

<%@ taglib prefix = "c" uri = "<http://java.sun.com/jsp/jstl/core>" %>

* Put just below “TITLE” of jsp files. Bootstrap THEN css and js ---

<!-- for Bootstrap CSS -->

<link rel="stylesheet" href="/webjars/bootstrap/css/bootstrap.min.css" />

<!-- For any Bootstrap that uses JS -->

<script src="/webjars/bootstrap/js/bootstrap.min.js"></script>

<!-- YOUR own local CSS (MAKE SURE THESE MATCH YOUR FOLDER PATHS!!) -->

<link rel="stylesheet" type="text/css" href="/css/style.css">

<script type="text/javascript" src="/js/app.js"></script>

**ADD an index route and import the packages required to your controller**

* @Controller above the public class name
* NOTE- your controller name (shown here on line 7) will be whatever you’ve named it from the above steps
* Add-

*@RequestMapping*("")

public String index () {

return "index.jsp";

}



**Start your program**

Right Click on your program name -> Select “Run As” -> select Spring Boot App

At this point a blank white html page should appear at <http://localhost:8080/>

