Spring Boot Dependencies

1. To Add Spring boot Libraries to your project

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-data-jpa</artifactId>

</dependency>

1. To add web functionality and Spring Boot MVC to project

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-web</artifactId>

</dependency>

1. To add MySQL coonector

<dependency>

<groupId>com.mysql</groupId>

<artifactId>mysql-connector-j</artifactId>

<scope>runtime</scope>

</dependency>

1. add junit for unit testing

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-test</artifactId>

<scope>test</scope>

</dependency>

1. To enable use of jsp pages in project

<dependency>

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

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

</dependency>

1. To add devtools so that the server refreshes every time any change happens to project

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-devtools</artifactId>

</dependency>

1. To add jstl

<dependency>

<groupId>javax.servlet</groupId>

<artifactId>jstl</artifactId>

</dependency>

1. To add email functionality

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-mail</artifactId>

</dependency>

1. To add Lombok so that we can reduce the boiler plate code

<dependency>  
 <groupId>org.projectlombok</groupId>  
 <artifactId>lombok</artifactId>  
 <optional>true</optional>  
</dependency>

1. To add ModelMapper so we can reduce the code of mapping one class object to another  
   <dependency>  
    <groupId>org.modelmapper</groupId>  
    <artifactId>modelmapper</artifactId>  
    <version>2.3.9</version>  
   </dependency>
2. To validate a field such as name, mobile no. etc

<dependency>  
 <groupId>org.springframework.boot</groupId>  
 <artifactId>spring-boot-starter-validation</artifactId>  
</dependency>

Spring Boot Application.properties

1. Database connection

spring.datasource.url=jdbc:mysql://localhost:3306/oct\_db

spring.datasource.username=root

spring.datasource.password=1234

1. Jsp pages path

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

spring.mvc.view.suffix=.jsp

1. For sending Email

spring.mail.host=smtp.gmail.com

spring.mail.port=587

spring.mail.username=emailsender173@gmail.com

spring.mail.password=nryuishvdckwbejm

spring.mail.properties.mail.smtp.auth=true

spring.mail.properties.mail.smtp.starttls.enable=true

1. To create table automatically if exists doesn’t create

spring.jpa.hibernate.ddl-auto=update

1. To create a new table and override if exists

spring.jpa.hibernate.ddl-auto=create

1. To show sql queries in console

spring.jpa.show-sql=true