Creating the front end webapp application

1.Resolve the javax.servlet.HttpServlet error

a.In the previous workspace , open the pom.xml(Project Object Model) of the front end application.

b.Add dependency for java ee :

<!-- Java EE API -->

<dependency>

<groupId>javax</groupId>

<artifactId>javaee-api</artifactId>

<version>${ javaee.version }</version>

<scope>provided</scope>

NOTE : above dependencies add:

<properties>

<javaee.version>7.0</javaee.version>

</properties>

</dependency>

c.Save the file , it implicitly starts downloading the jar for it.

d.In cases it returns an error then right click on the project and Run As maven build i.e 5th option ,then type clean compile instal in goals text box.Then run.

2.Adding latest version of JDK

a.Right click on the project , select build path , then configure build path.

b.Then go to libraries tab and then double click JRE and browse for the jdk in the disk and apply the changes.

3.Update the project to latest version of java ,for that we will add the following inside the build tag :

<plugins>

<!-- Update to latest version of Java -->

<plugin>

<artifactId>maven-compiler-plugin</artifactId>

<version>3.1</version>

<configuration>

<source>1.8</source>

<target>1.8</target>

</configuration>

</plugin>

</plugins>

4.We also have to right click,select Maven->Update Project.

5.Resolve the “JavaServer Faces 2.2 requires Dynamic Web Module 2.5 or newer.” Error.

a.Ctrl+shft+r,write web.xml,open,it’ll open the web.xml file for the project.

b.We have to update the reference 2.3 to latest version .

c.Remove the previous declaration , and add the following :

<web-app xmlns="http://xmlns.jcp.org/xml/ns/javaee" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:schemaLocation="http://xmlns.jcp.org/xml/ns/javaee

http://xmlns.jcp.org/xml/ns/javaee/web-app\_3\_1.xsd"

version="3.1">

d.Right click on the project , goto Properties->Project facets.Uncheck the dynamic web module.Then Apply and OK.

e.Right project , Maven->Update project.