Link for Maven study for interview:

<https://maven.apache.org/what-is-maven.html>

1. Creating Project in Eclipse:
   1. Open Eclipse Neon 3.
   2. Click on “File” menu, then “New” option.
   3. Click on “Maven Project” option.
   4. Browse the location of Workspace. Click on “Next” button.
   5. “New Maven Project” dialog box will open. Type “webapp” at Filter textbox.
   6. Select “maven-archetype-webapp” ArtifactId from the Artifact list. Click on “Next” button.
   7. Set “com.shop” at GroupId and “MyQuestFrontEnd” at ArtifactId textbox.
   8. Click on “Finish” button.
2. Resolving error in index.jsp page:
   1. Open “index.jsp” page.
   2. Resolving “javax.servlet.http.HttpServlet”
      1. Type the following code at first line of index.jsp page:

<%@page language=*"java"* contentType=*"text/html; charset=UTF-8"* pageEncoding=*"UTF-8"* %>

* + 1. Save the project and download “Apache Tomcat 8.5”. Unzip and keep this folder at specified location.
    2. Right click on project. Select “Properties”. Select “Project facet” tab from left hand side pane of Project Property dialog box.
    3. Select Runtime tab.
    4. Click on New button, then check Apache Tomcatv8.5. and browse the location of unzipped Apache Tomcat 8.5 folder.
    5. Check the check box of Apache Tomcatv8.5, click on Apply and then Ok button.

1. Creating other important components of Frontend project:
   1. Expand src >> main >> webapp folder from Project Explorer window.
   2. Create “assets” folder within webapp folder.
   3. Further create “css”, “fonts”,”images”,”jquery” and “js” folder within assets folder.
   4. Create “view” folder within WEB-INF folder.
   5. Place “index.jsp” file inside the view folder.
   6. Create “dispatcher-servlet.xml” file inside the WEB-INF folder.
   7. Open the dispatcher-servlet.xml file and write the following code snippets:

<beans xmlns=*"http://www.springframework.org/schema/beans"*

xmlns:context=*"http://www.springframework.org/schema/context"*

xmlns:mvc=*"http://www.springframework.org/schema/mvc"*

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-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/mvc*

*http://www.springframework.org/schema/mvc/spring-mvc-3.0.xsd"*

>

<!-- View Resolver -->

<bean id=*"viewResolver"* class=*"org.springframework.web.servlet.view.InternalResourceViewResolver"*>

<property name=*"prefix"* value=*"/WEB-INF/views/"*/>

<property name=*"suffix"* value=*".jsp"*/>

</bean>

<!-- Loading static resources-->

<mvc:resources location=*"/assets/"* mapping=*"/resources/\*\*"*/>

<mvc:annotation-driven/>

</beans>

1. Download required bootstrap, jquery files for designing index.jsp(landing page), login.jsp, registration.jsp. and Create them.