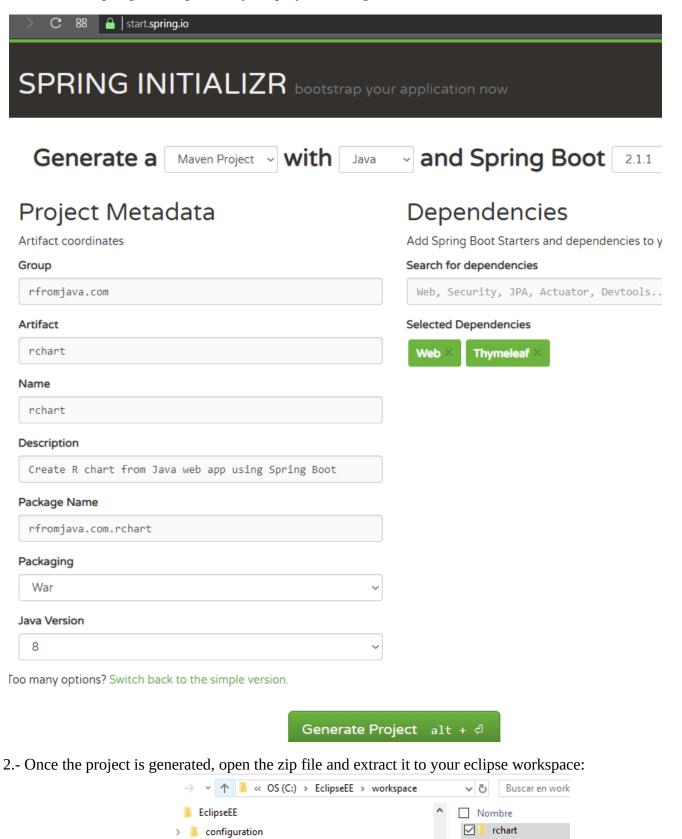
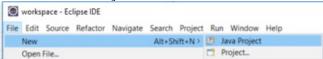
NOTES AND STEPS ON GENERATING AND DEVELOPING rchart PROJECT

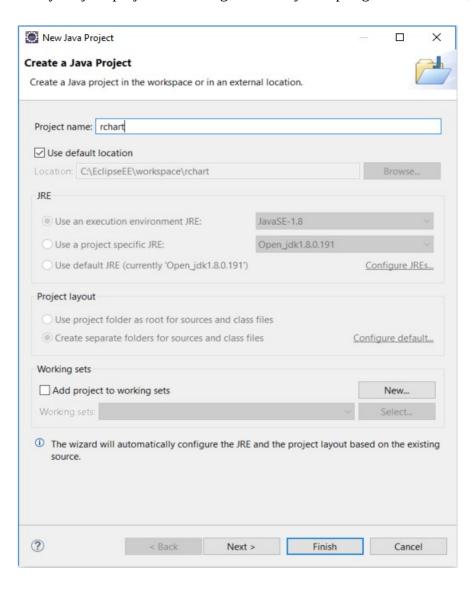
1.- Go to start.spring.io and generate your project, setting it similar to the below screen:



3.- Start eclipse and go to File \rightarrow New \rightarrow Java Project:



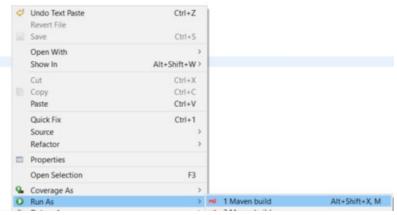
4.- Enter the name of your java project as it was generated by the spring starter website, click on finish:



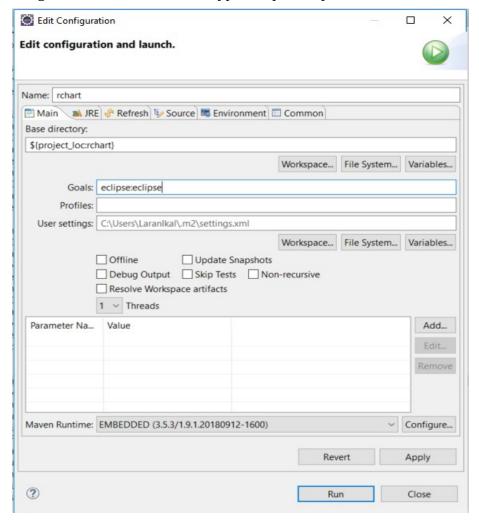
5.- Edit file pom.xml and add the next lines in the build section:

```
44@ <build>
       <finalName>RChartFromJava</finalName>
45
468
       <plugins>
478
         <plugin>
48
           <groupId>org.springframework.boot</groupId>
49
           <artifactId>spring-boot-maven-plugin</artifactId>
500
           <configuration>
             <warName>${finalName}</warName>
51
             <outputDirectory>C:\apache-tomcat-8.5.30\webapps/outputDirectory>
52
           </configuration>
54
         </plugin>
55
       </plugins>
     </build>
```

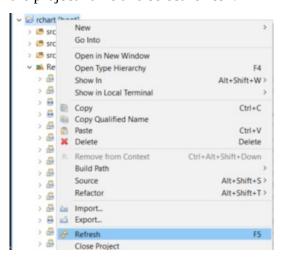
6.- Right-Click with the mouse and select Run-As → Maven build:



7.- On the edit configuration and launch screen type: eclipse:eclipse and click Run:



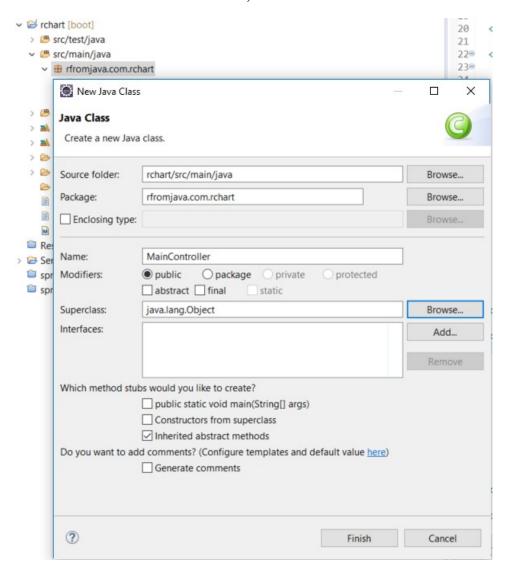
8.- Right-click with the mouse on the project name and select refresh:



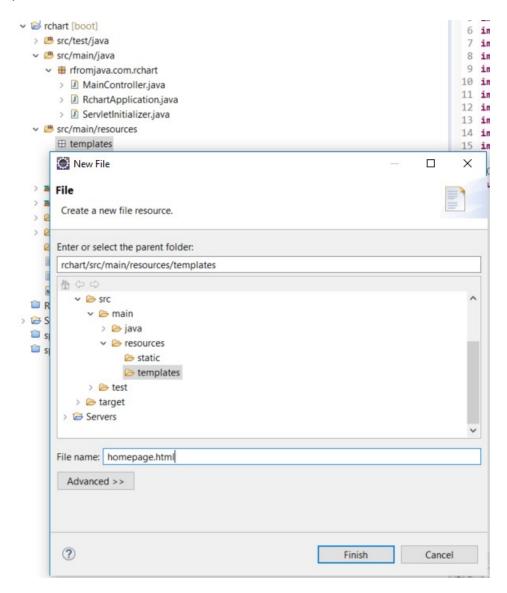
Now you will be able to see all the Referenced libraries updated, here just some of them:



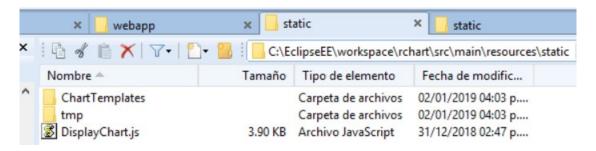
9.- Create the first controller class, just right-click on the package name and select New \rightarrow class, enter the name, in this case it is called MainController, click finish:



10.- Right-Click on templates to create the Thymeleaf template, select New → File, enter the name, in this case homepage.html, click finish:



11.- Under your **project folder/src/main/resources/static**, put all the public files needed by your web app:



12.- To generate your war file in the folder configured in the pom file, right-click on the pom.xml file, select **Run As** → **Maven Install:**

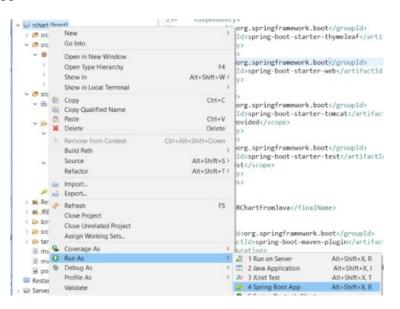


In this case, this create a war file on folder: C:\apache-tomcat-8.5.30\webapps

Now just by running startup.bat starts tomcat and expands the war file and the web app is ready to be accessed opening the web browser and going to:

localhost:8080/RChartFromJava/

Note. To start the web app inside eclipse, we just need to right-click on the project name, select Run As \rightarrow Spring Boot App:



to view the web app, just point the web browser to: localhost:8080