**Exercise 2**

Brian Webb – ID: 34775506

Student

CSC120-10187: Digital Design Fundamentals

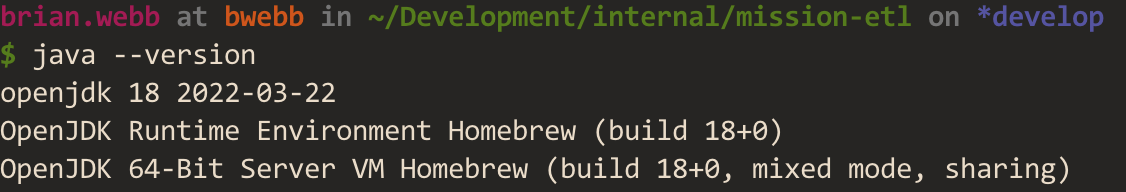
Dinesh Sthapit / Carlos Rodriguez

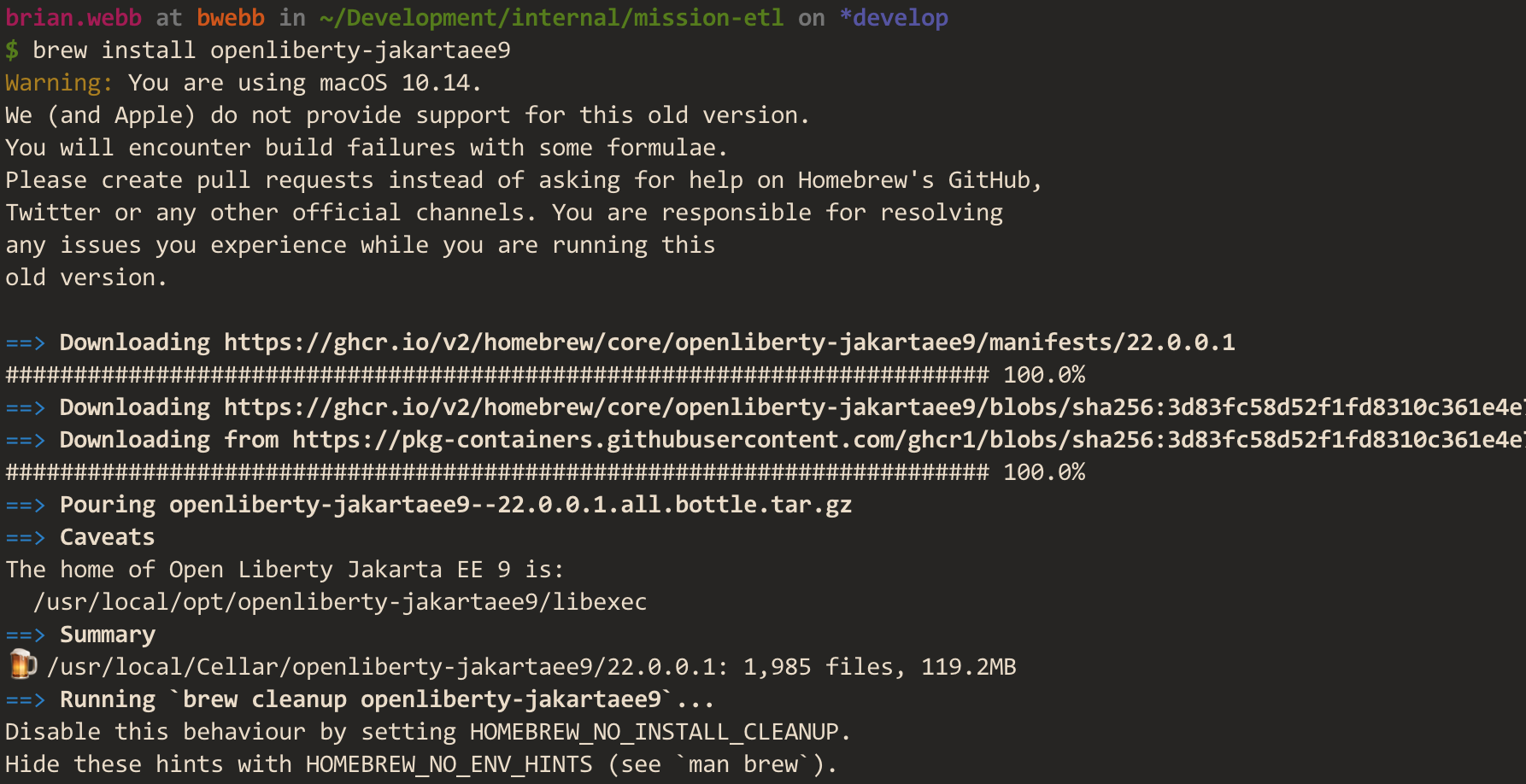
April 16, 2022

I do most of my installs via homebrew, luckily openlilberty has formulae for jakarta ee:

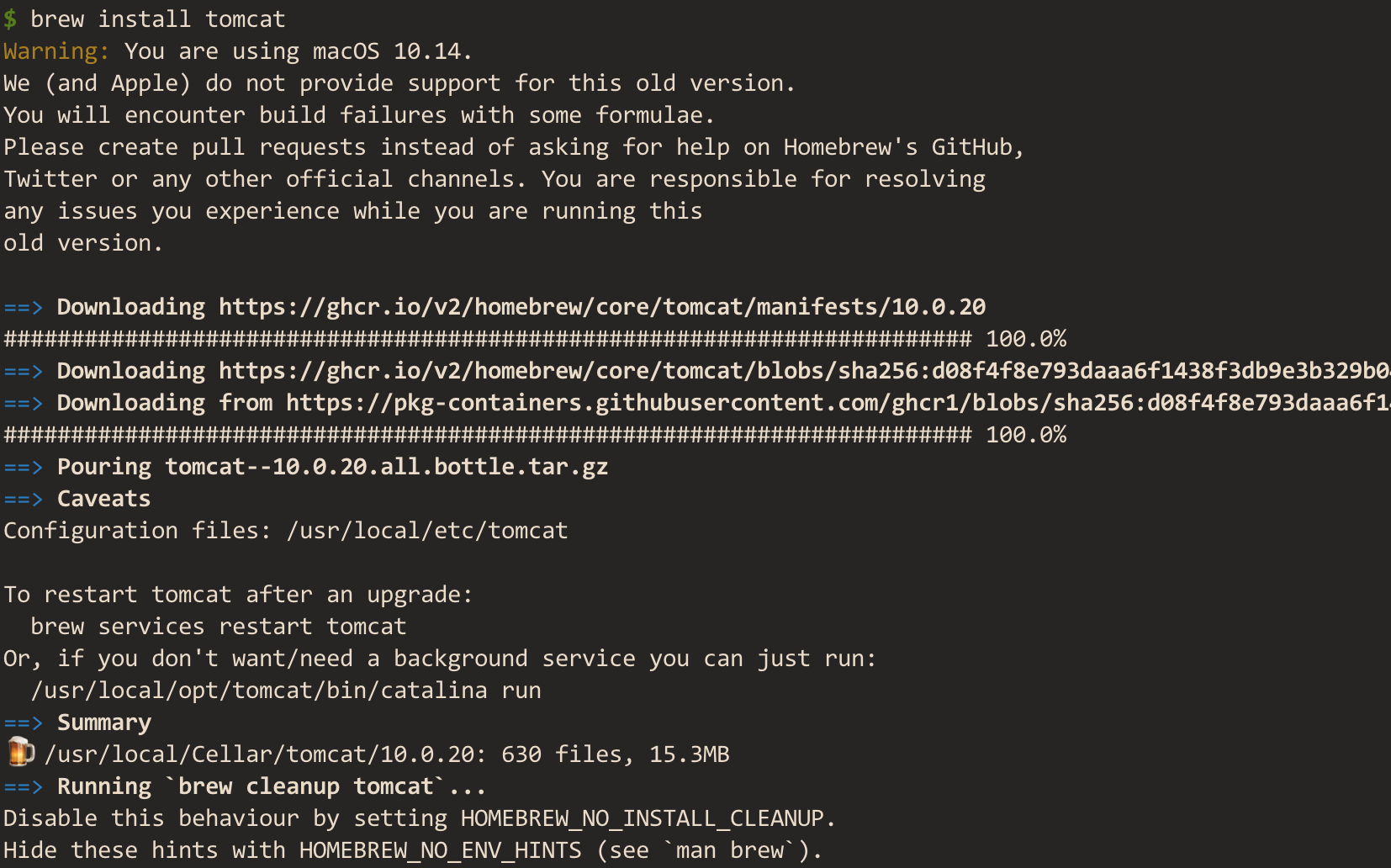


I got Jakarta EE installed but also had to update java:

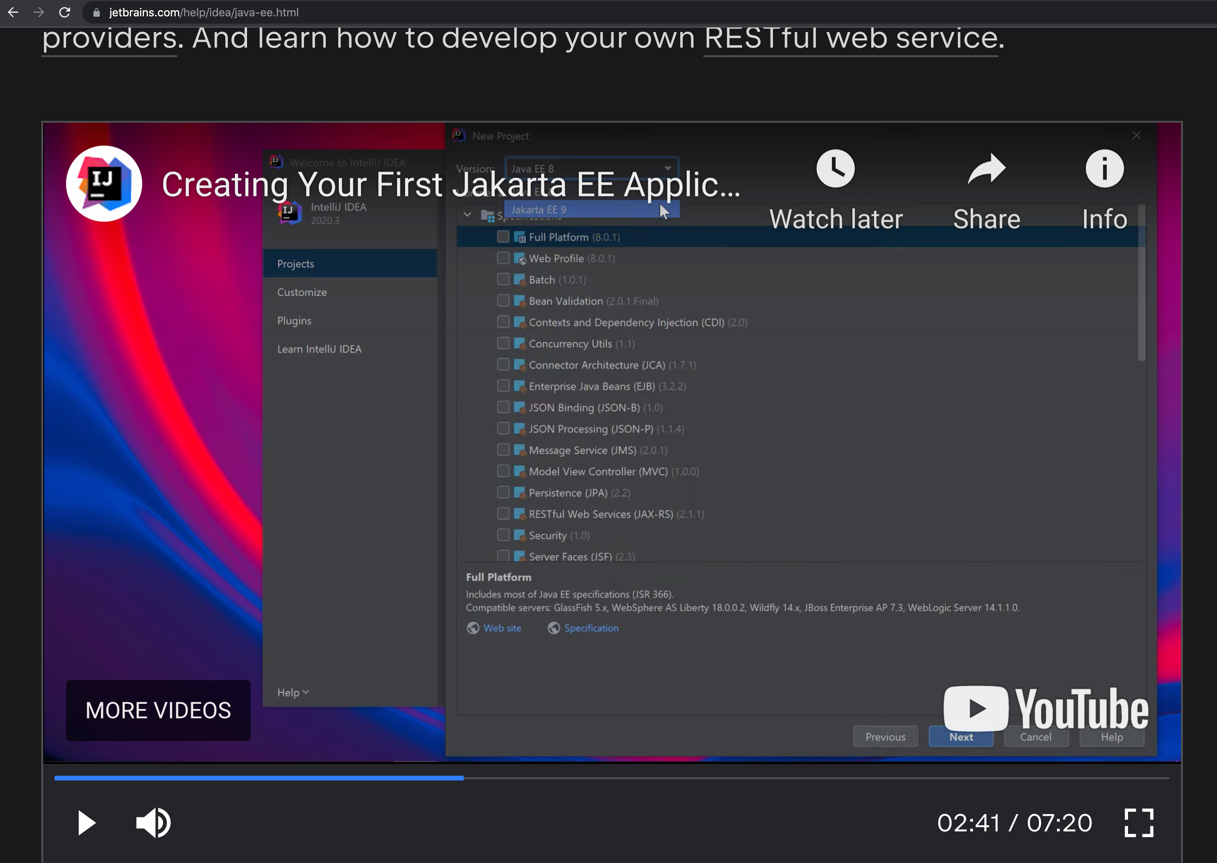




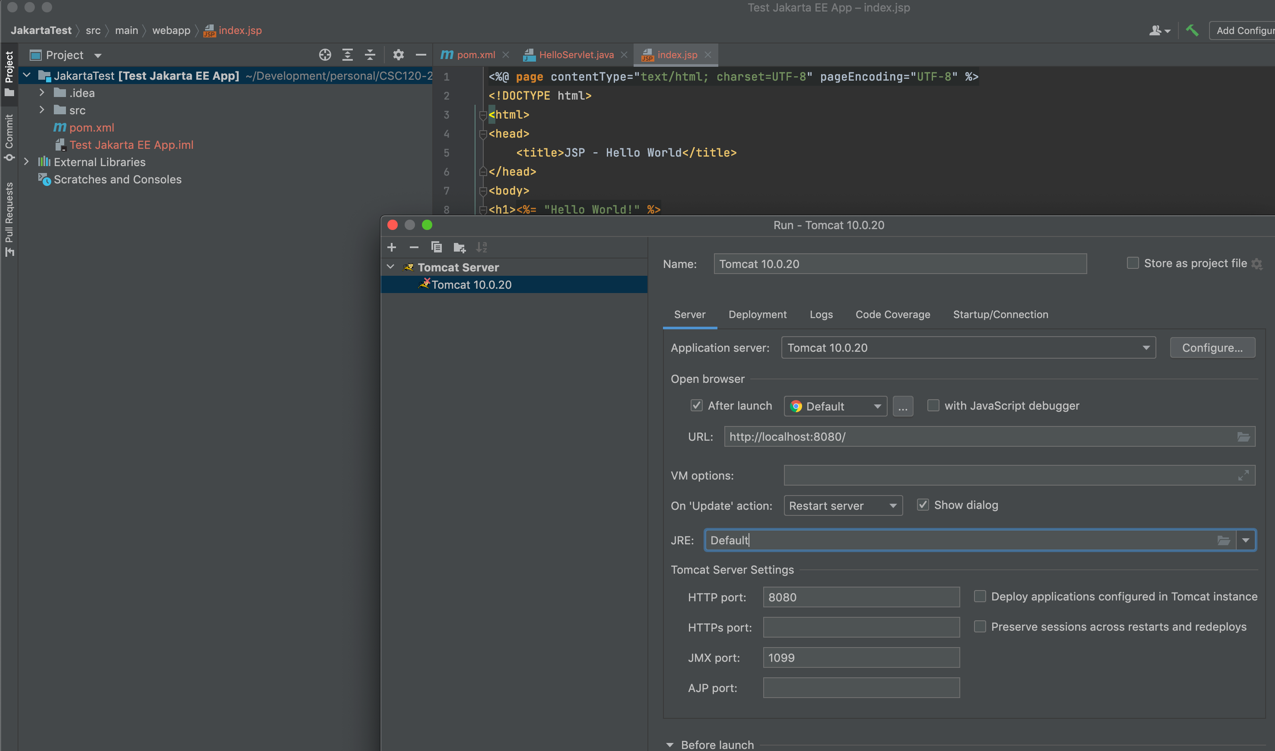
I also installed tomcat:



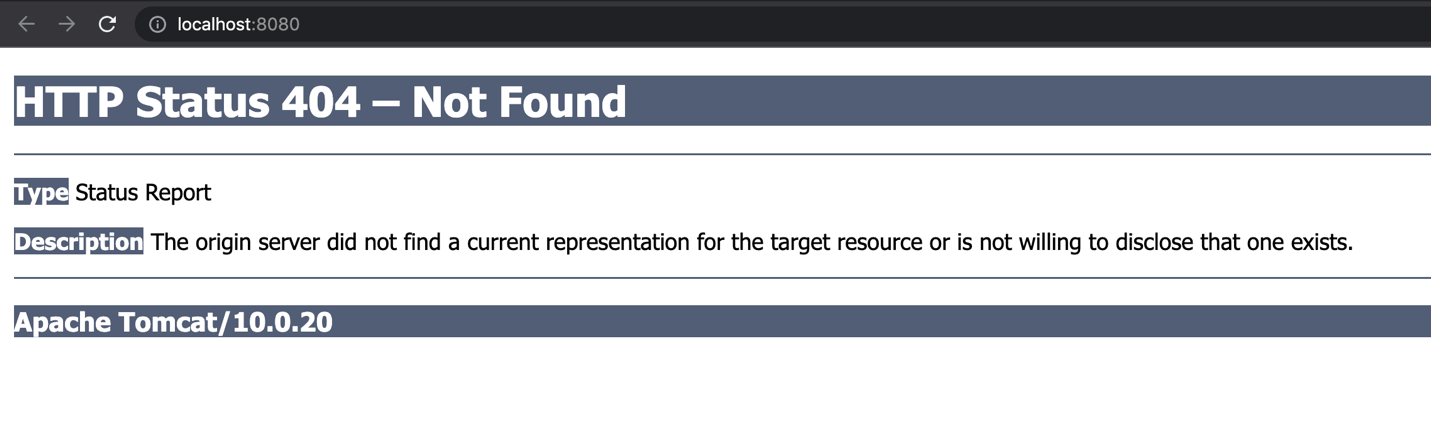
I then followed a tutorial for IntelliJ in setting up a Jakarta Project:

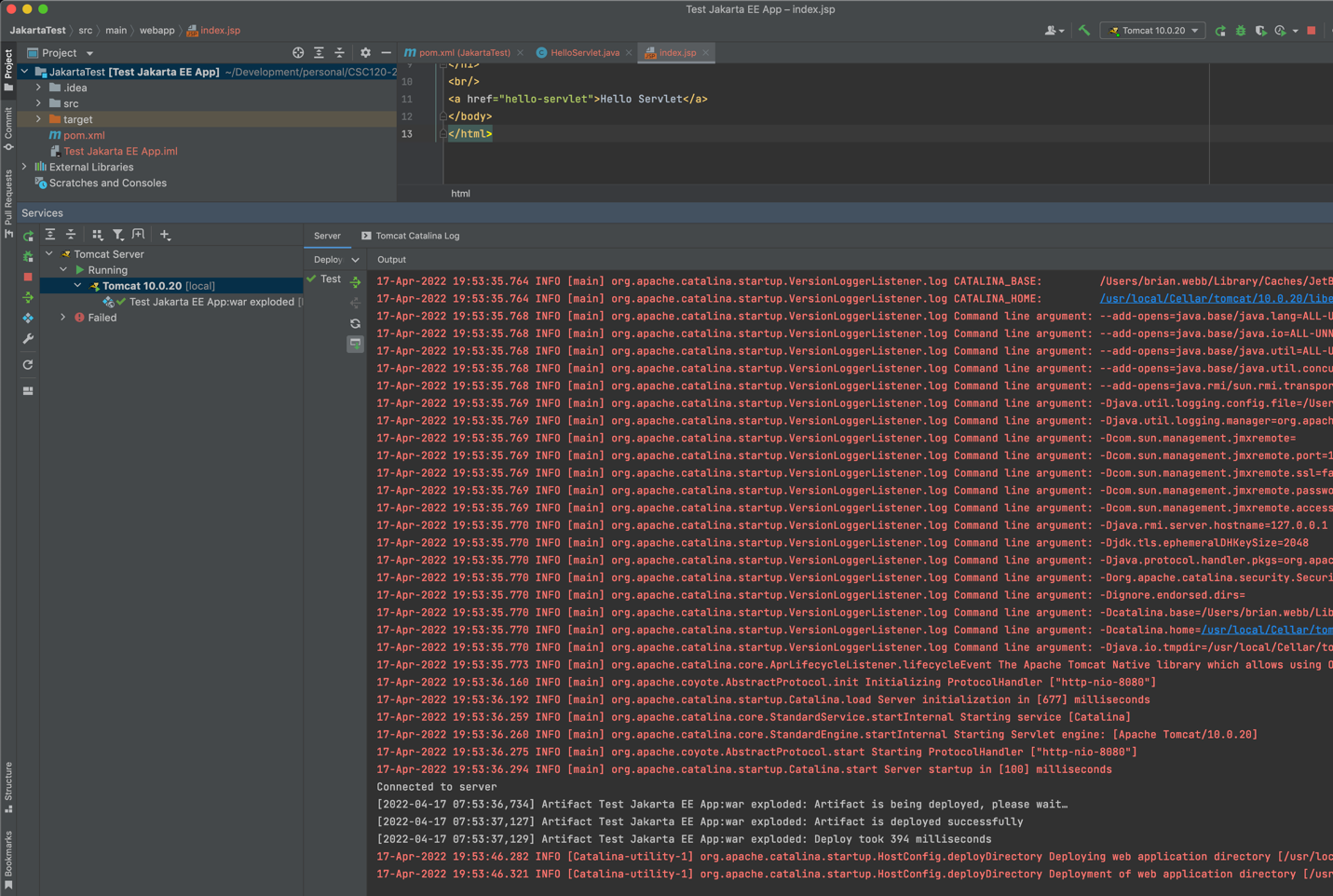


This let me setup the project, and then configure tomcat to run the builds:



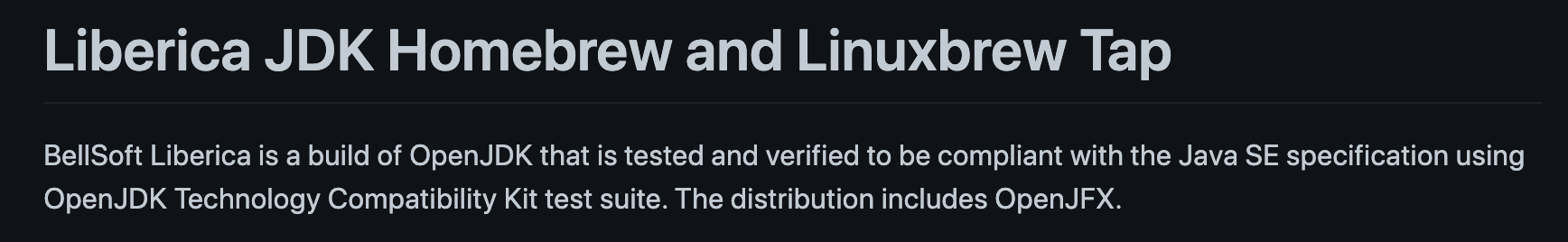
First run on the project resulted in this error:

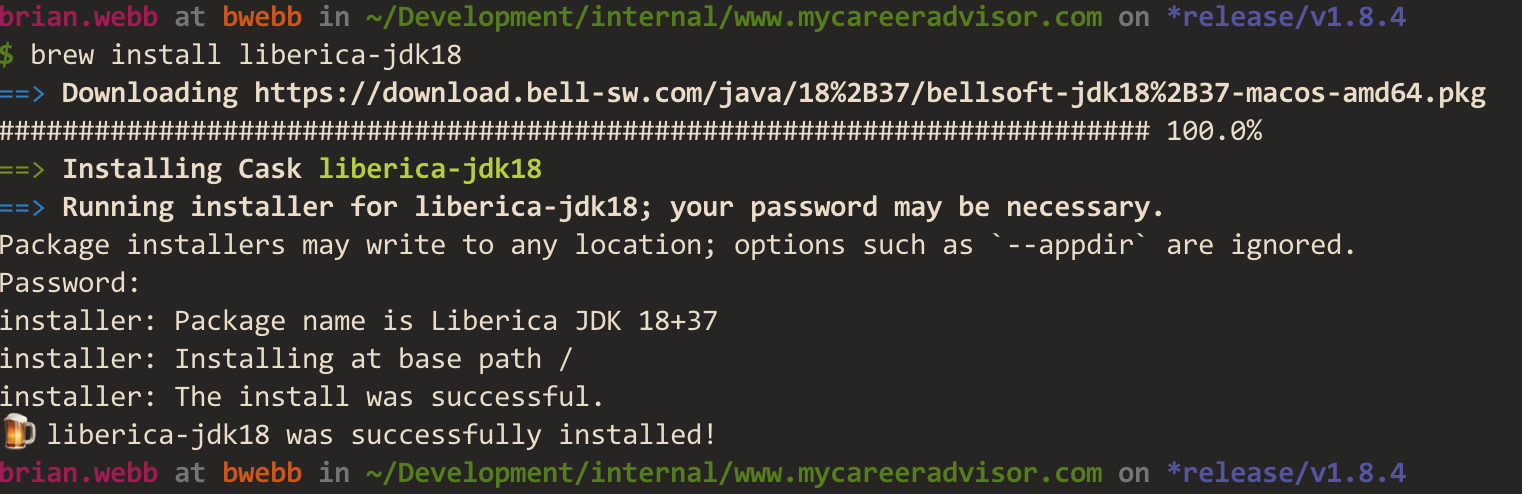


I stopped that server instance and reran the project after a couple config changes and was able to view the default web page in the browser:

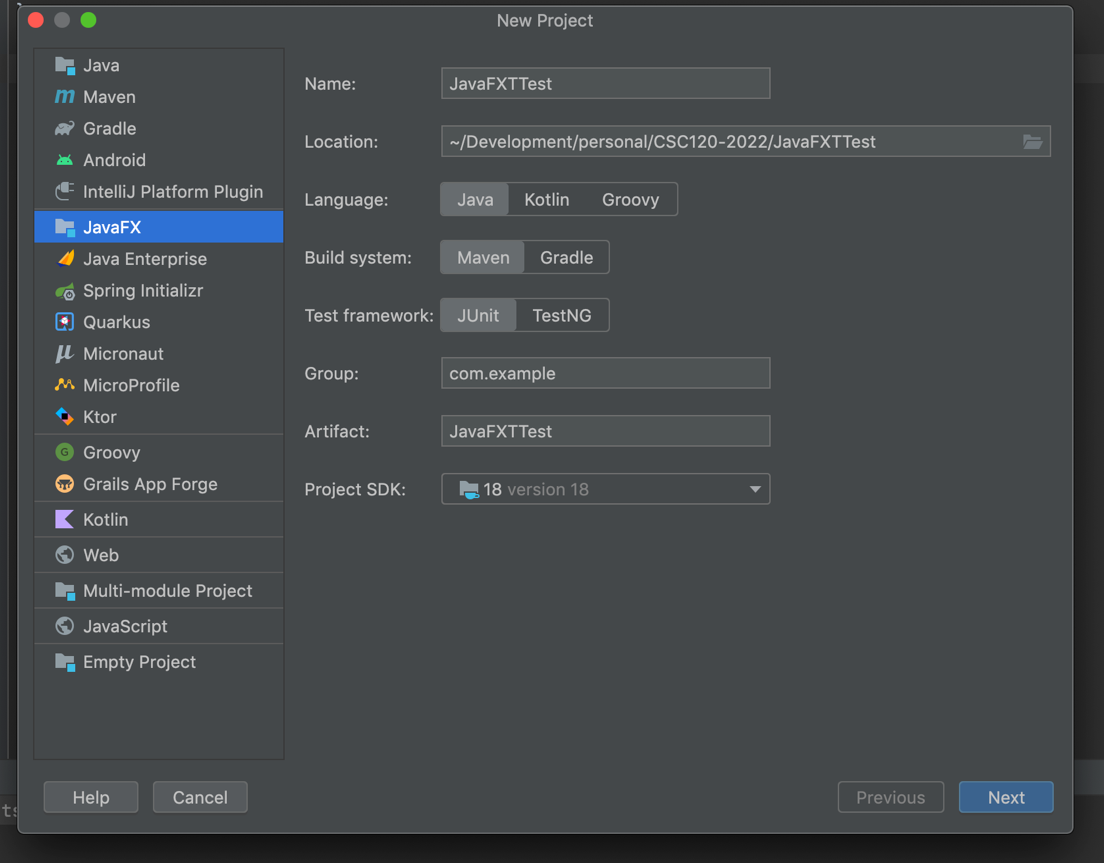


Then working to install JavaFx, I found a recommendation to use this JDK which includes OpenFX llibraries:

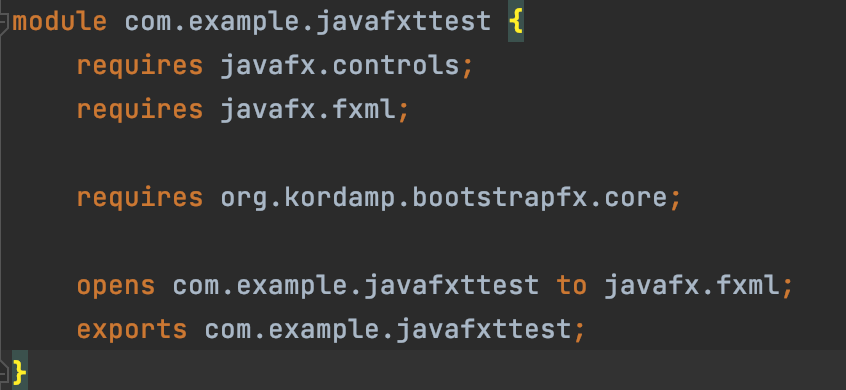




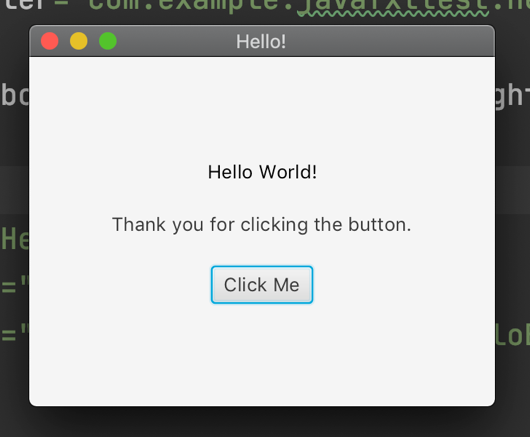
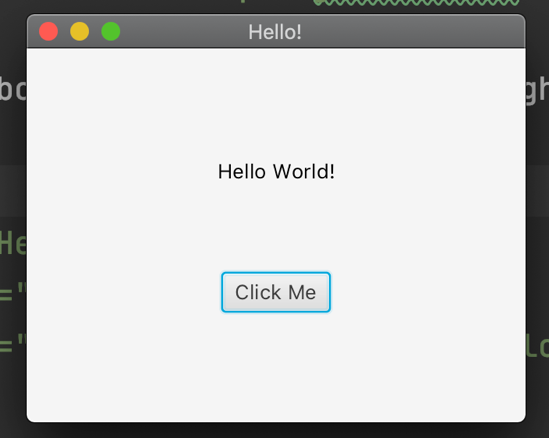
I created a new JavaFX project:



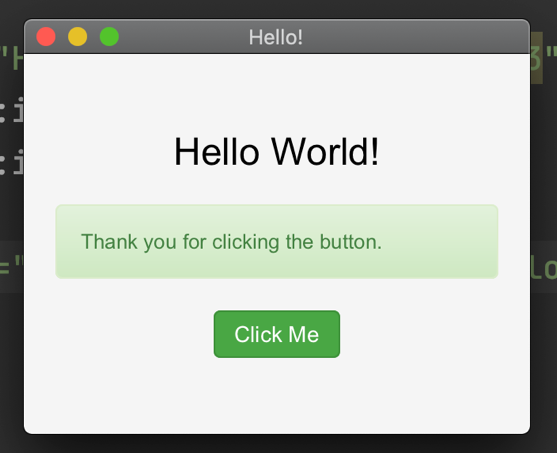
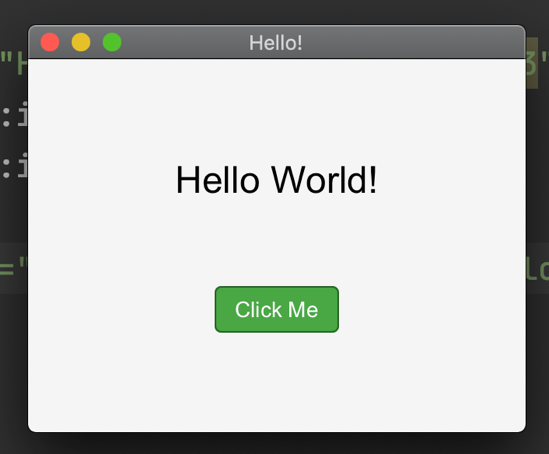
I included the BootstrapFX library as a dependency which you can see in the module info file:



I created a base hello world style program with a button handler to test out execution:



After this was working I played with adding the bootstrap styles to the app:



At this point I have everything I need to get started installed and up and running.