**Lily Setup - Intellij Ultimate – Download Zip**
**Head here:** https://github.com/Ashwood3708/Senior-Project---
Lily/blob/master/README.md

<span style="color:red">***Note: These instructions are based off of having the most up to date version of Intellij Ultimate***</span>

1. Click **'Clone or download'** on GitHub and select **'Download Zip'**
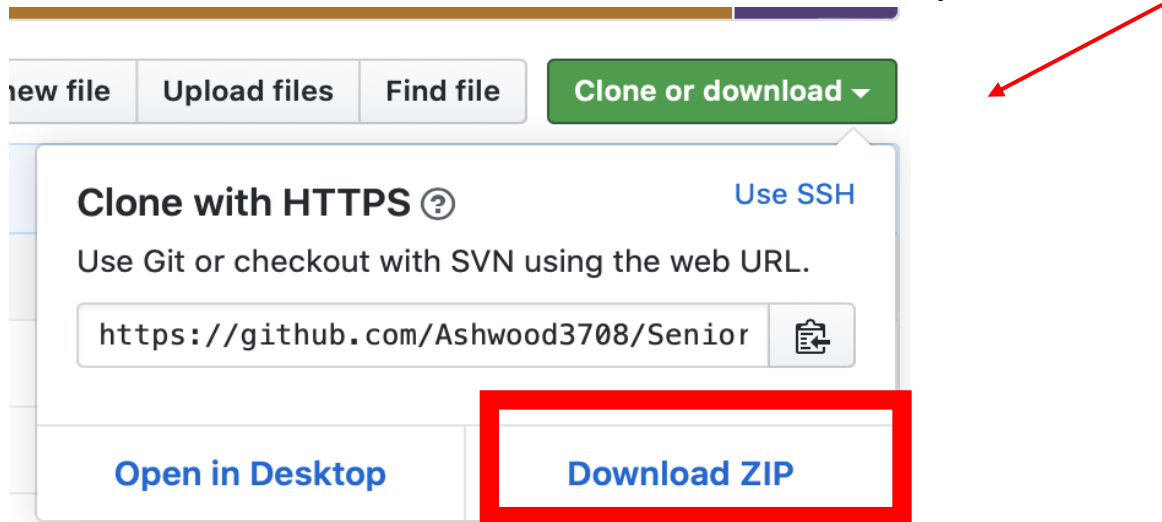


<span style="color:red">***Note, you can skip to step four and open the "**Senior-Project---Lily-master**" folder that is in the Final Project Record folder***</span>

2. Locate the downloaded zip file and Extract it if necessary.

3. Open up Intellij and select **'Open or Import'**
<span style="color:red">***Note: depending on the version you have the menu may look different, but it should still have **'Import'** on it***</span>
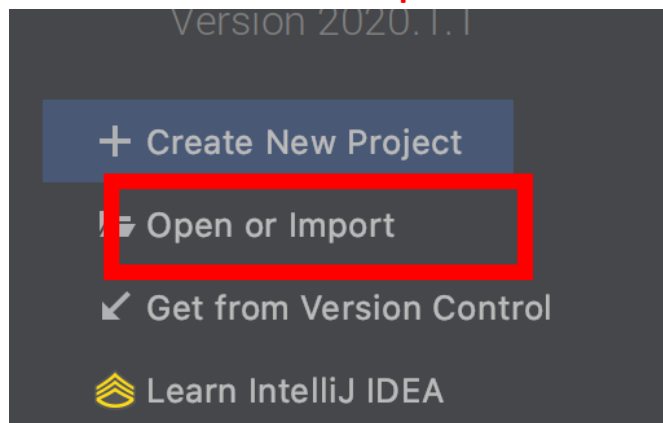
4. **LOCATE** the extracted zip file and **OPEN** it
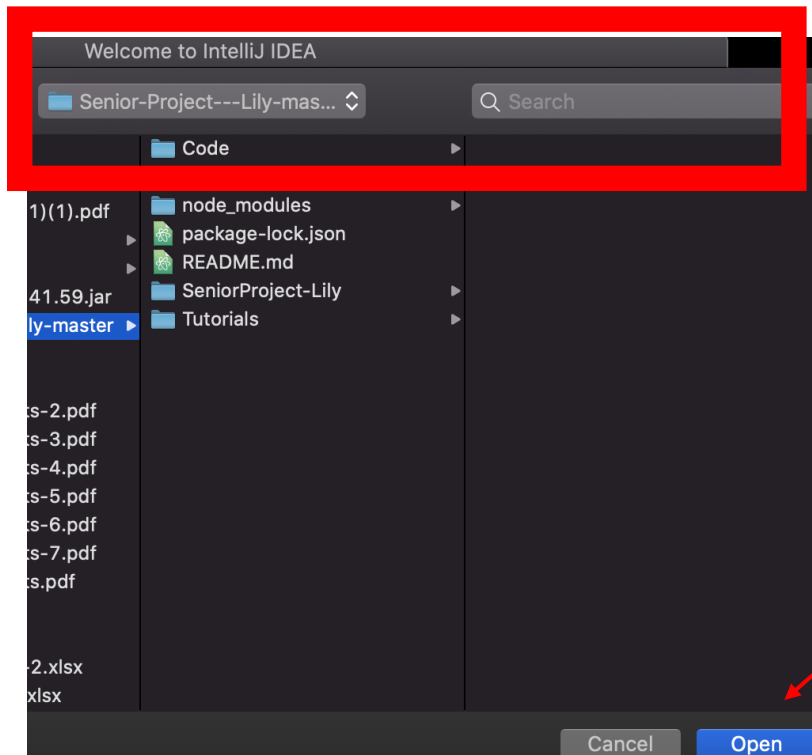


***Note: Open the folder with all of the contents. If you save the folder under Code/1234/TopDawg/**Senior-Project---Lily-master**, open the **Senior-Project---Lily-master** folder. If it is saved as downloads/Senior-Project---Lily-master/**Senior-Project---Lily-master,** open the **Senior-Project---Lily-master** folder that has the contents in it***

5. Let the project index (could take a while – view this at bottom of screen)
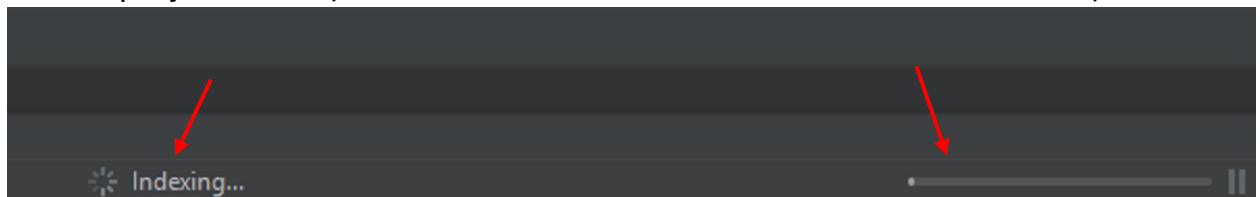


***Note: While project is indexing a few things should pop up***

6. Click **'Import'** when **'Maven build script found'** pops up at bottom right of screen
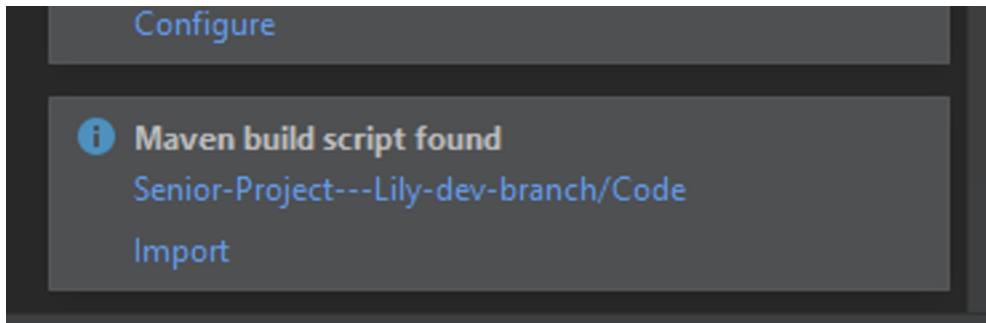
***Note: If you have a Mac or your Intellj is set up to automatically to import maven projects then ignore this step***

7. Click **'Configure'** when **'Frameworks Detected'** pops up at bottom right
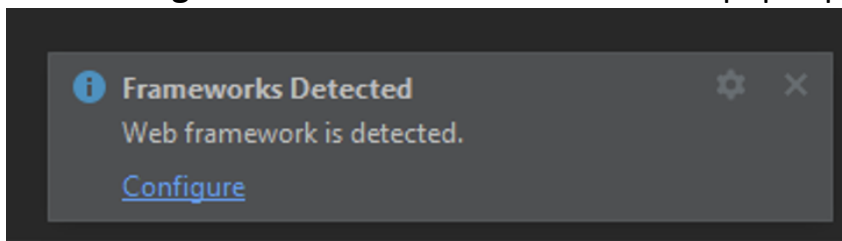


***Note: You **DO NOT** have to keep everything selected being that you will only run our webpage, unless of course you decide to run other example pages that comes with the Tomcat setup. You do not even have to select the web.xml that is selected in this image***
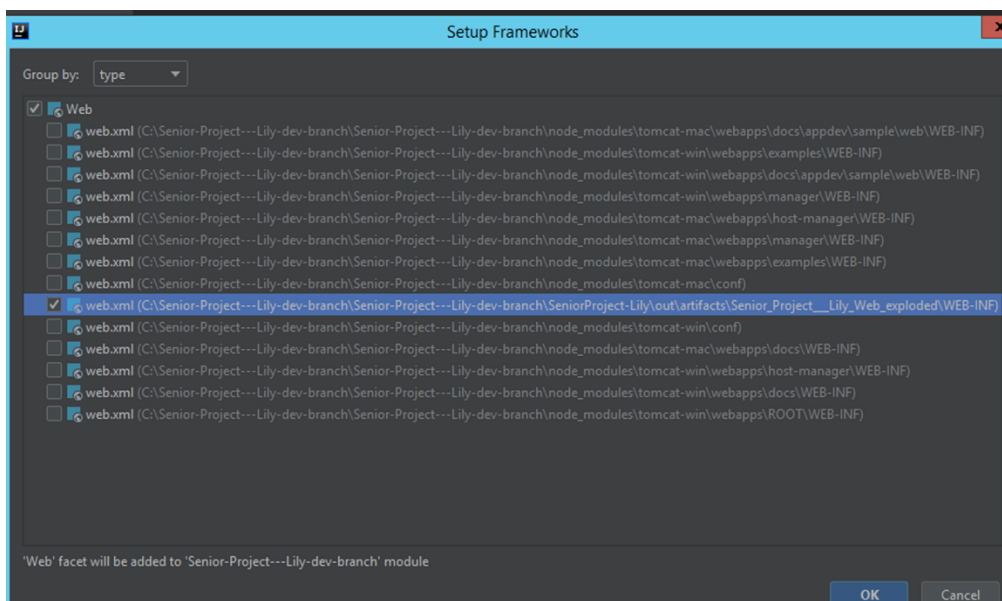


8. If the project is still indexing continue to let it do so, and even if it is not indexing, check out the project structure. It should look like this:
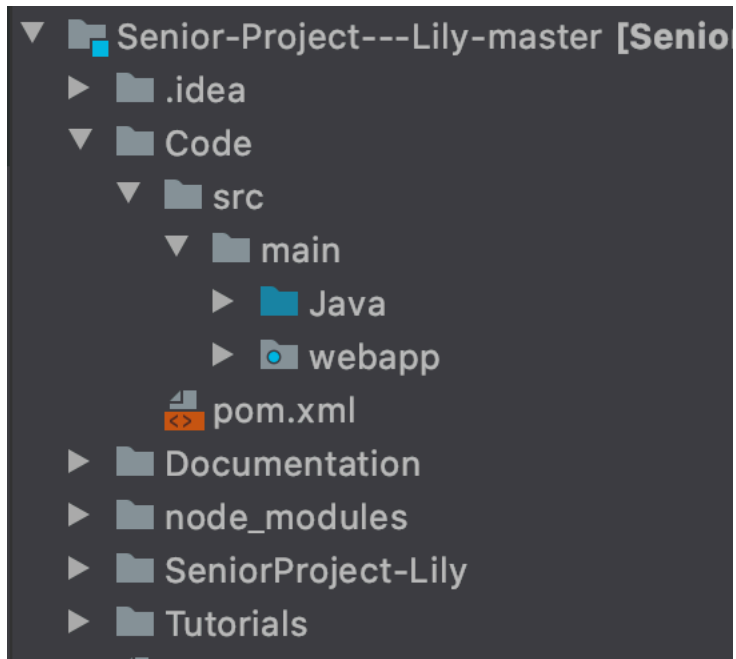
**9. Time to configure**

    a. Expand the '**Web Apps'** folder, right click '**index.jsp'** and select '**Run 'index.jsp'.** If **step 16a** happens **SKIP** to **step 16b**, if **nothing** happens proceed to **step 9b**, and if the '**Run/Debug Configurations'** window popup, **SKIP** to **step 10**
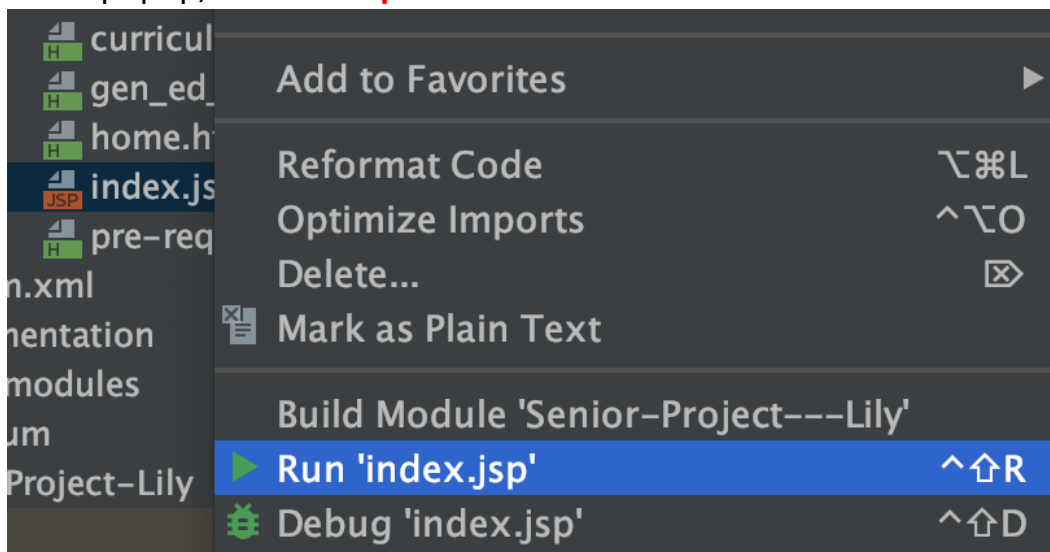


    b. If **'Run 'index.jsp'** is not available, then open the **'index.jsp'** file and in the top right corner click **'Add Configuration …'** and the '**Run/Debug Configurations'** window will pop up.
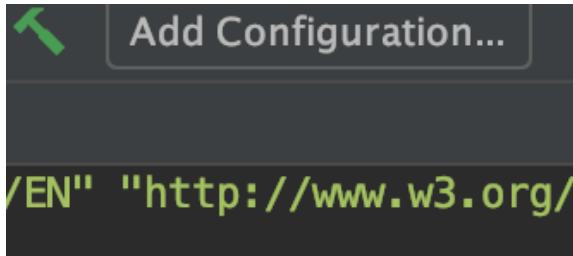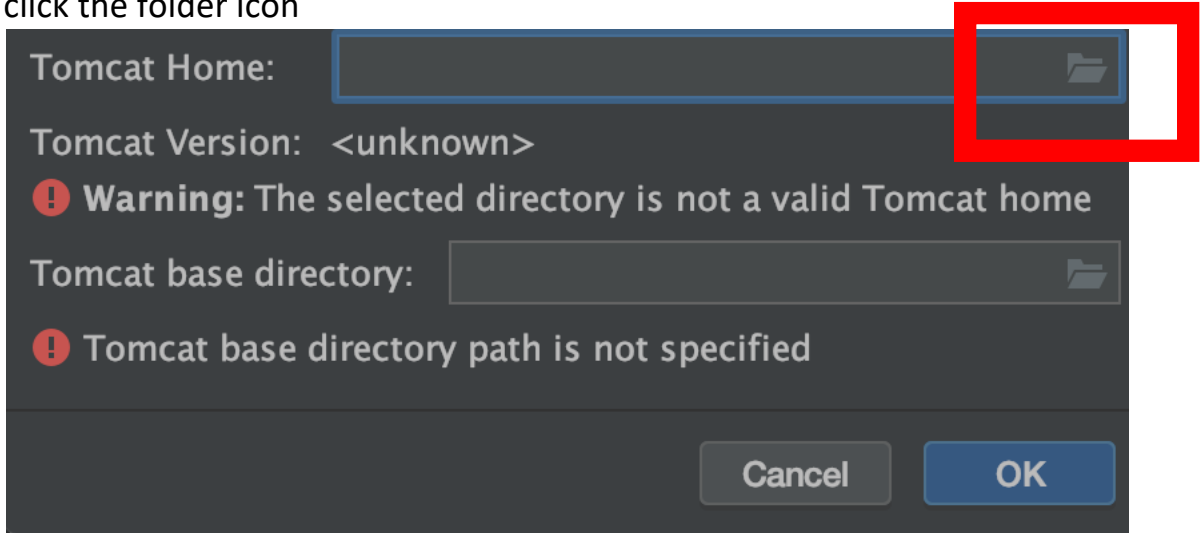
10. On the left menu, scroll and find **'Tomcat Server'** and select **'Local.'** You may have to click the **'+'** sign in the top left to get the options to pop up
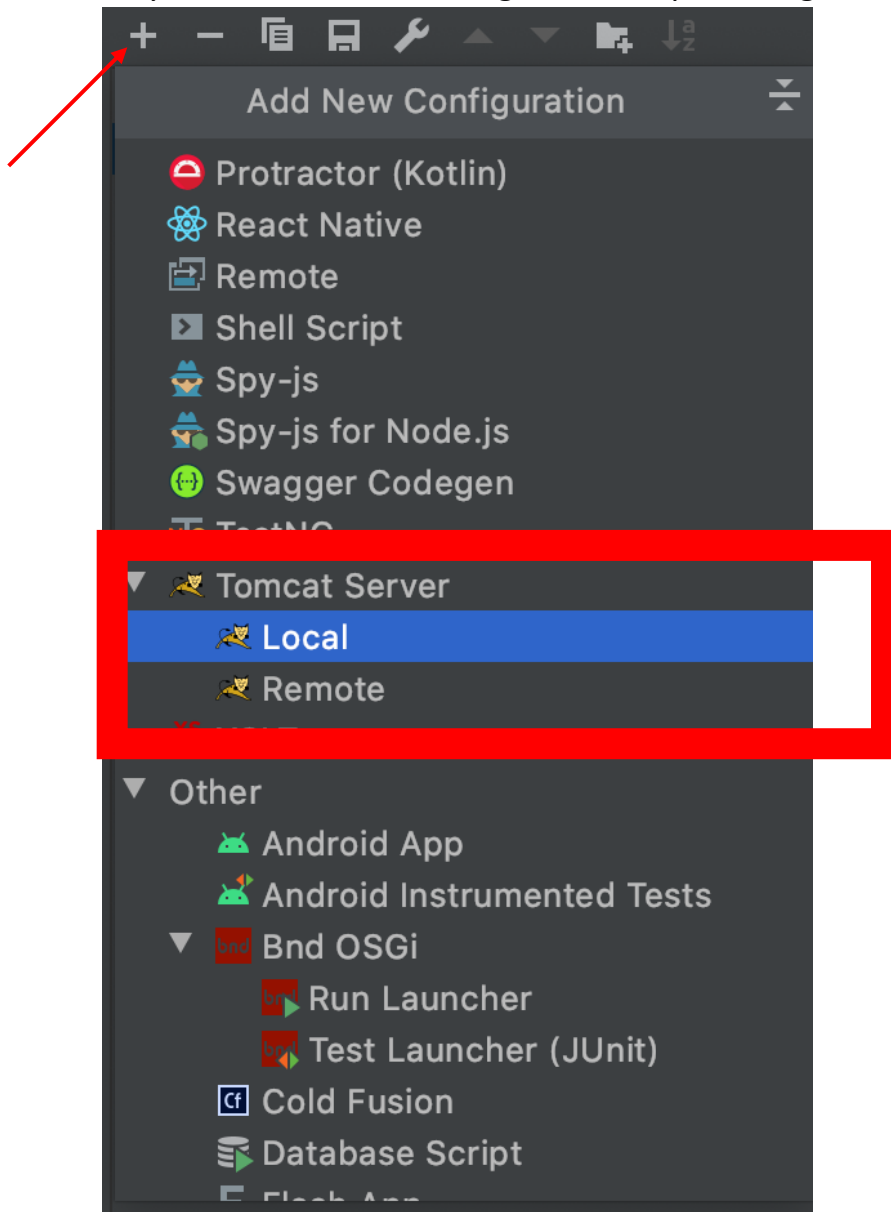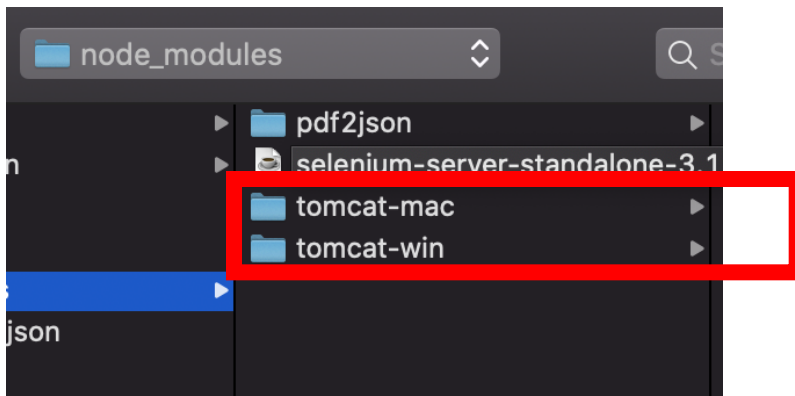
11. Beside the **'Application Server:'** text box, click the **'Configure…'** button and the **'Application Servers'** window will pop up
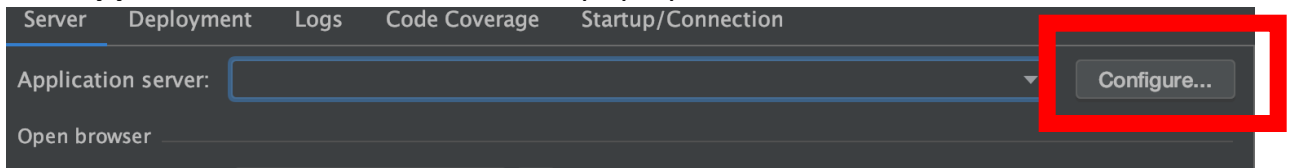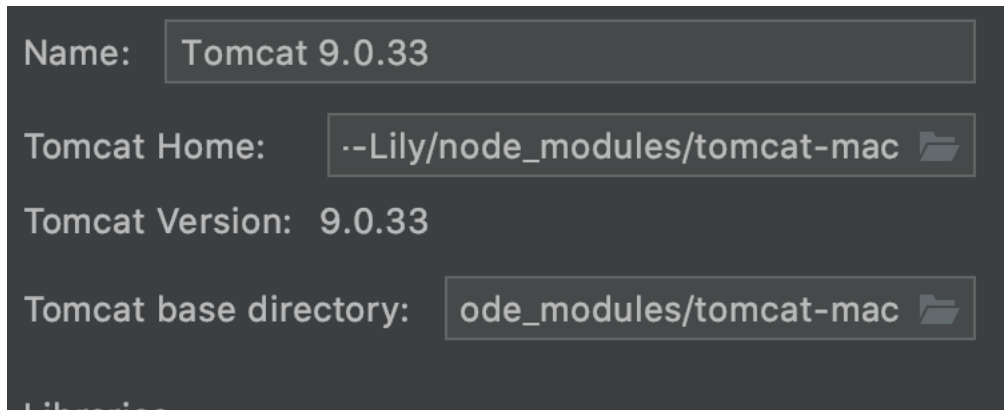


12. Beside the **'Tomcat Home:'** text box in the **Application Servers'** window, click the folder icon



13. Navigate to the **'node_modules'** folder in the project folder, so **wherever you saved the zip file**. Click on the Tomcat folder that has **your OS name** on it. Ex: {Project_Lily}/node_modules/tomcat_**yourOS.** Once you are done, click the **'OK'** button.

Name: Tomcat 9.0.33

Tomcat Home: --Lily/node_modules/tomcat-mac

Tomcat Version: 9.0.33

Tomcat base directory: ode_modules/tomcat-mac

14. A warning message should appear at the bottom of the **'Run/Debug Configurations'** pop-up box. **Click 'Fix'.**

⚠ **Warning:** No artifacts marked for deployment                    ⚡ Fix

Cancel    Apply    OK
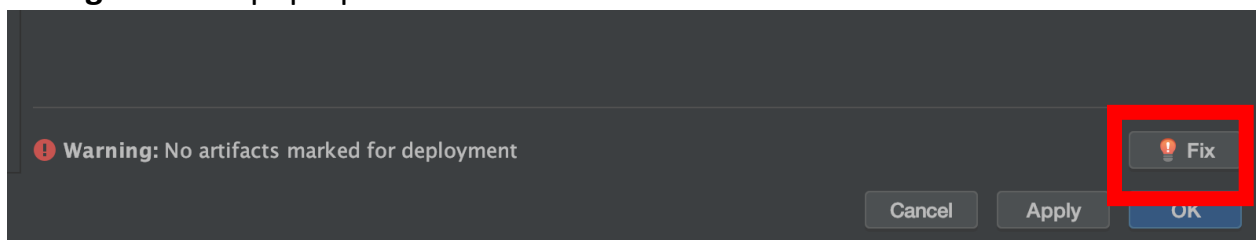
15. Select the **'Senior-Prject---Lily:Web'** artifact, click **'Apply'** and then **'OK'**

Select an artifact to deploy

🎁 Senior-Project---Lily:Web
🎁 Senior-Project---Lily:Web exploded
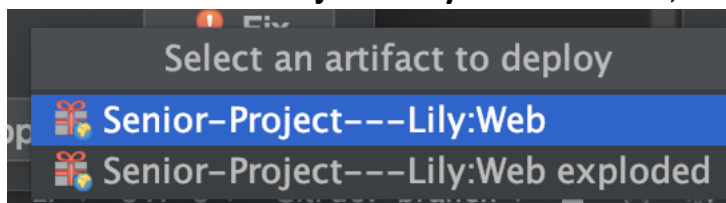
16. **Time to run 'index.jsp'!**
   a. Click the green **'Run'** button
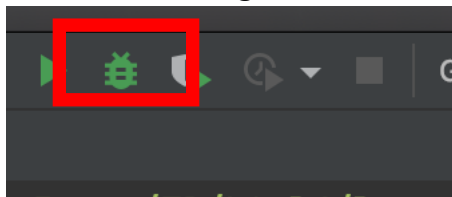
If the following page pop up the first time you run the project, head to **step 16b**

## HTTP Status 404 – Not Found

**Type** Status Report

**Message** Not found

**Description** The origin server did not find a current representation for the target resource or is not willing to disclose that one exists.

**Apache Tomcat/9.0.33**

b. Head back to Intellij. Your '**index.jsp'** file should be open (if not, open it). While the server is still running open the file in the browser that you desire by hovering over the code. These options (or more) should pop up in the corner. Click whichever you like.
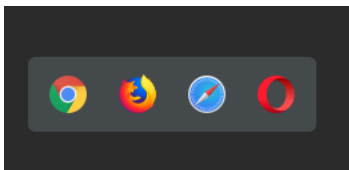


c. **'Index.jsp'** should now be loaded.

17. There is no admin login so if you do not have access to a student banner ID then you will not be able to see all of the features unless you go to **ashwood.ncat.com** and login with **'admin'** for both username and password.

If you had any complications with these steps it may be due to the version of Intellij you are using. Again, these instructions are based off of having the most up to date version of **Intellij Ultimate**