Big Picture Lab

In this chapter we learned about the arcane booting process of Angular. Let's now look at the code and even make a few adjustments.

1. Open the .angular-cli.json config file in your IDE. Find the apps.index property. What is the index page file? <u>index.html</u>.
2. Edit that file. Do you see the <app-root> tag? Add some text inside of that that says "Loading your warehouse management application. If this message doesn't go away, refresh the page. If it refuses to load, contact tech support."
3. Back in .angular-cli.json. Find the apps.main property. What is the main TypeScript file? <u>main.ts</u>
4. Find that file and open it in your IDE.
5. What module does it bootstrap? <u>AppModule</u>. app.module
6. Looking above it, where is that module imported from? './app/<u>_____</u>'.
7. Now open that ts file and examine it. Note that the class in it is marked with a @NgModule decorator/attribute.
8. What component is being bootstrapped? <u>AppComponent</u>
9. And like before, look above. Where is that file imported from? <u>./app.component</u>
10. Awesome! Keep following the breadcrumbs and open up that file now. Do you see how the title was set? <u>yes</u>
11. What is the selector? <u>app-root</u>
12. What is the template file? <u>./app.component.html</u>
13. Open that template file and look around.

Now that you know how the page is first drawn, you can probably guess how to make some changes to it. Let's do that now.

Change the boot component
The AppComponent usually serves as the landing page. On ours we're going to put a menu to access the other functions of our WMS and a dashboard for important information. Now, rather than having you type all that in, we've provided some more starter HTML that you can use.

14. Take a look at /setup/assets/html/app.component.html. Copy all the contents of /setup/assets/html/app.component.html into the app.component.html you created.
15. Replace the placeholder message inside <main> with
16. Run and test. It should look pretty good but the links don't take you anywhere and the data is all fake and hardcoded. We'll fix these things later.

Hey, at least you now know how to change the main component's template.

Examining all the parts of an Angular app
17. Look back at your course lecture material. Find the Big Picture diagram. Now look through the basic site that has been scaffolded for you and see if you can identify all the pieces from the diagram. Check these off when you find them:
    __ A file with the @NgModule annotation
    __ A list of the components in that file
    __ The startup component in that same file (Hint: Bootstrap)
    __ A file with the @Component annotation

__ The template. Where is the template that component points to? _____ ./app.component.html

__ The class in that file
__ A property in that class
__ Where it is displayed in the template (Hint: Interpolation).

When you've located all these things, you should have a good idea of how they all fit together. But don't worry if you don't, we'll cover all that in later chapters.