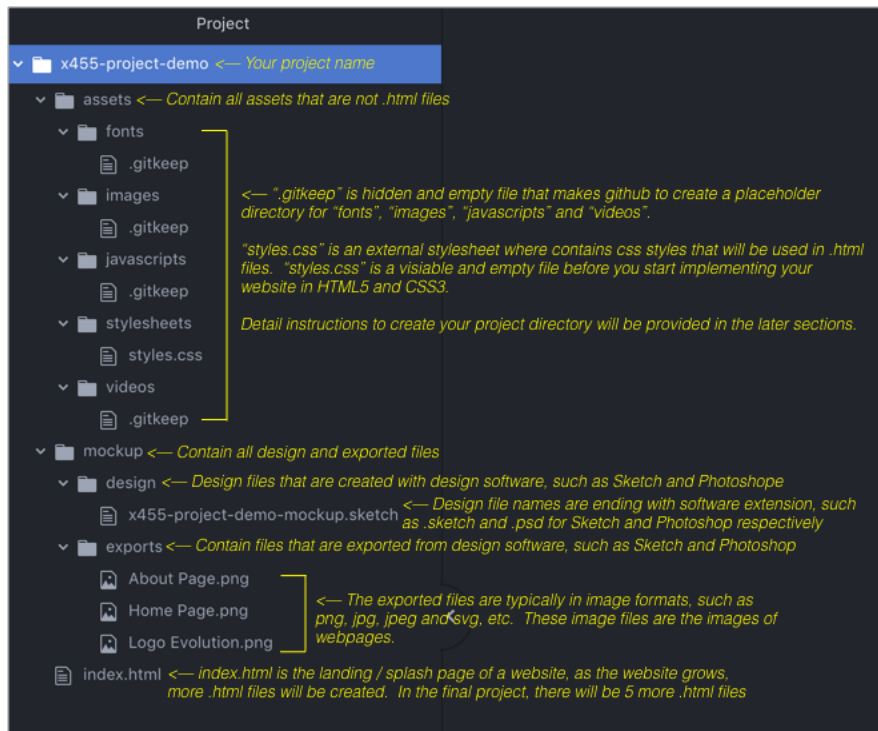# Lecture 3: HTML Deep Dive
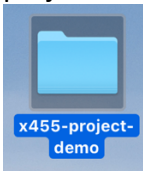## Supplemental Instruction

Create Project Directory

To prepare for implementing a website with HTML5 and CSS3, we will be creating a project directory as shown below.
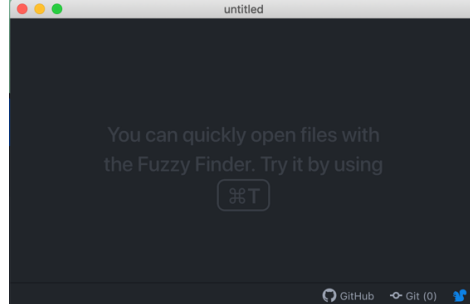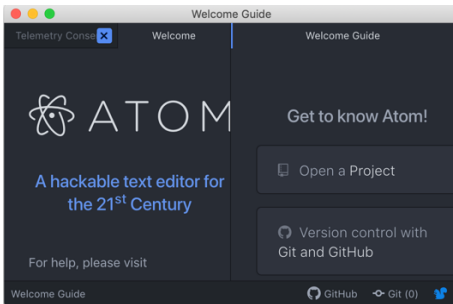
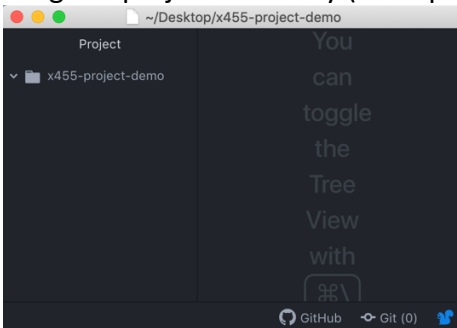*Steps to create a project directory:*
1. Create an empty folder on your desktop and give it a name, and this folder will be your project directory
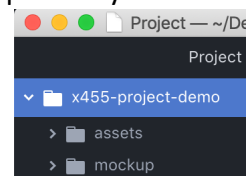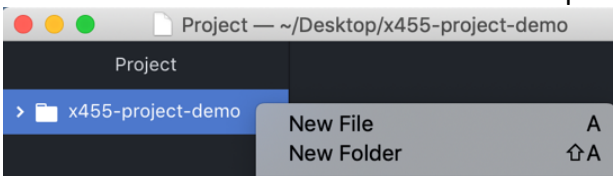

2. Open Atom code editor, then click the "X" to close all tabs
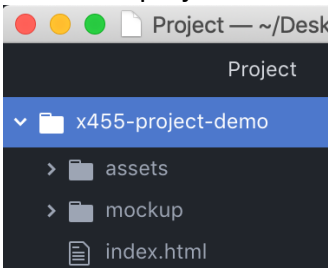

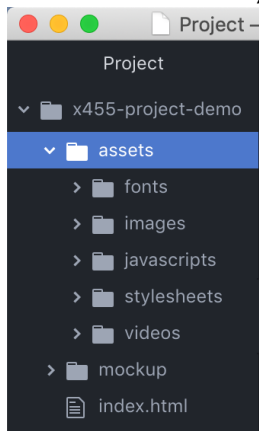3. Drag the project directory (x455-project-demo) to Atom

4. Select the project directory, right click and select "New Folder" to create 2 folders. Name the 2 folders as "assets" and "mockup" respectively.
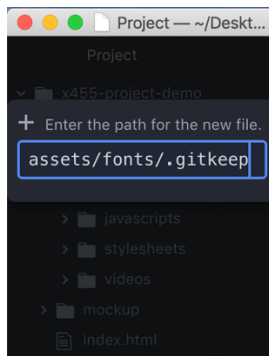

5. Select the project directory, right click to select "New File" to create index.html
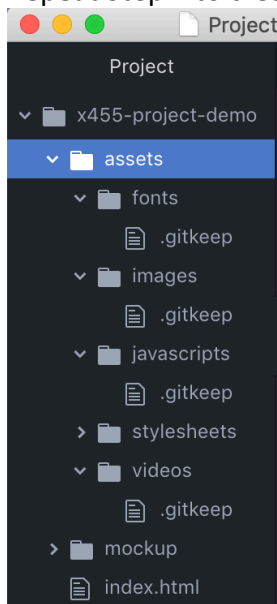
6. Select "assets" folder, right click and select "New Folder" to create 5 folders. Name the 5 folders as "fonts", "images", "javascripts", "stylesheets" and "videos" respectively.
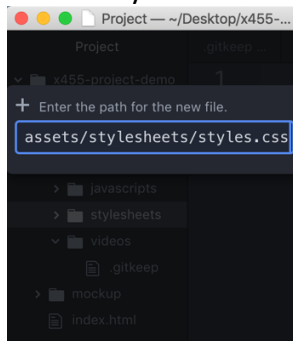

7. Select "fonts" folder, right click to select "New File" to create ".gitkeep" file
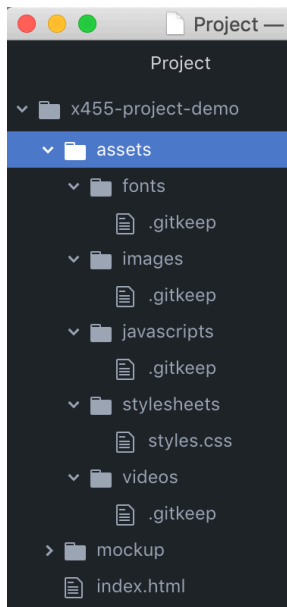

8. Repeat Step 7 to create ".gitkeep" file in "images", "javascripts" and "videos" folders
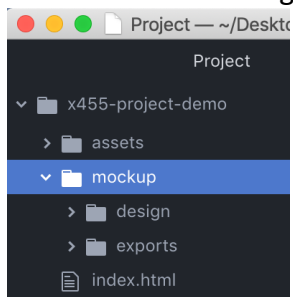
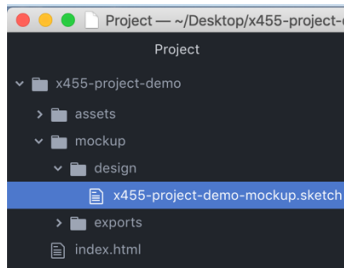9. Select "stylesheets" folder, right click to select "New File" to create "styles.css" file

10. As a result, the "assets" folder in the project directory contains folders and files as shown below.
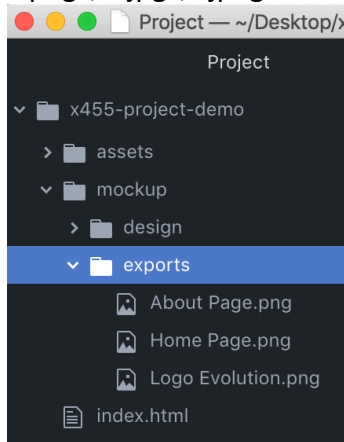

11. Select "mockup" folder, right click and select "New Folder" to create 2 folders. Name the 2 folders as "design" and "exports" respectively.

12. When you do your mockup using design software, such as Sketch and Photoshop, save your design file in "design" folder as shown below. The design file should be ending with extension ".sketch" or ".psd" for Sketch and Photoshop respectively.

13. After you completed your design on Sketch or Photoshop, export your design to files in image formats. These files will commonly be in png, jpg, jpeg or svg formats with ".png", ".jpg", "jpeg" or ".svg" extension as shown below.

14. Finally, you have created your project directory and that will be similar to the example below.