

COMP3512 Review Lab Instructions

This lab will provide you with some experience using Cloud9 as well as refresh your HTML/CSS knowledge. If having trouble with Cloud9, you can of course edit and view your files locally. This lab is worth 3% of course grade. It is due at the **beginning** of next week's lab (i.e., Jan 15).

1. Using a web browser, visit <https://github.com/mru-comp3512-archive/comp3512-w2019-reviewLab.git>.

Git is the world's most commonly used version-control software. GitHub is a way to store and retrieve remote Git repositories via a web interface. Learning how to use Git and GitHub will be important learning outcomes of this course. For now, we will simply use GitHub to pull the starting source code for this week's lab into Cloud9.

Notice that you can browse or download files within the GitHub web interface. You can also use this URL within Cloud9 as well.

2. In a new browser tab, start Cloud9 and login.
3. Create a new **public** workspace named **comp3512-review**. Change the Team setting to **Don't set a team for this workspace**. Set the workspace to **Public**. In the Clone from Git field, enter <https://github.com/mru-comp3512-archive/comp3512-w2019-reviewLab.git> and select the HTML5 template. Click the Create Workspace button.
4. Once the workspace is loaded, you will have an IDE that allows you to browse, edit, upload, download and run your code. Using the Workspace Browser on the left-side, edit the **chapter04/project2/chapter04-project02.html** file.
5. Click the **Run** button at top of screen. This will start the web server software (in this case Apache). Note: you may need to have a runnable file open (e.g., an HTML file, not a CSS or JavaScript file) in the current tab for this work.
6. Click the **Preview** button and choose **Preview Running Application** menu option. This will open the file in a preview tab. Note: you may need to have a runnable file open (e.g., an HTML file, not a CSS or JavaScript file) in the current tab for this work.
7. From within the newly created preview tab, click the **Pop Out Into new Window** button (it looks like two overlapping rectangles), which will open the preview in a separate browser tab. You can now click refresh in the browser window every time you save changes to your source files in Cloud9.
8. Close the preview tab in Cloud9 (but keep the new browser tab for preview). Make a change in the source file, save the changes, and then refresh the browser tab that contains your preview.
9. Complete Chapter 4 Project 2, Chapter 5 Project 1, and Chapter 7 Project 2 for next week. These chapter numbers refer to the Second Edition. If you don't have it, then you can use the PDFs that have been provided.
10. I advise you to complete the step-by-step exercises in lab07 folder (see pdf there) before trying Chapter 7 Project 2, in order to learn how to use flexbox and transitions in CSS).