

COMP3512 Lab/Chapter 8 Instructions

This lab will provide you with some experience using JavaScript. If can run this lab locally, but you will need to download the files from this lab's GitHub folder. You can do this by downloading a zip from GitHub, or by cloning the repo using Git. Note: for this lab, we are re-using the repo from the previous semester.

- Using a web browser, visit <https://github.com/mru-comp3512-archive/f2019-chapter08>.
 - a) If downloading, then click on Download button and download the zip. You can uncompress it someplace and continue with the lab.
 - b) If you have installed using Git locally on your computer, then create a folder for your lab, then in the Terminal (Mac) or Git Shell / Command Window (PC), use the following commands:

git init

git clone <https://github.com/mru-comp3512-archive/f2019-chapter08>.git

- Once everything is ready, you will find a step-by-step lab (see **lab08-new.pdf**). I strongly recommend you work your way through each exercise in this lab!

In this lab, you will find several *Test Your Knowledge* sections. I will mark these in the next lab.

Please don't skip the other walkthrough exercises and simply complete the *Test Your Knowledge* sections. The other walkthrough exercises are there to teach you different aspects of JavaScript, and you won't learn them by skipping over them. I don't know why students don't believe me, but doing all these exercises will help you learn the material.

Note: copy-and-pasting code from the PDF into your editor is less than ideal for three reasons.

- a) Most importantly, you won't really learn the material all that well: typing it in yourself, by contrast, helps with the memorization process.
- b) A PDF block of text often contains hidden non-printable characters that will not be understood by the browser.
- c) Some characters, for instance, hyphens (-), which are used to indicate subtraction, get changed into dashes (–) or non-breaking hyphens when the PDF is created, and these characters will not be understood by the browser.