

## COMP3512 Lab10 Instructions

This lab will provide you with some experience consuming external APIs in JavaScript. You do not need to use Cloud9 for this lab since JavaScript is run locally on your browser. If you are running this lab locally (that is, not on Cloud9), then 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.

- 1) Using a web browser, visit <https://github.com/mru-comp3512-archive/f2018-lab10>.
  - a) From the Watch list, select the Watching option (you will need to be logged into github for this to work). By watching a repo, github will send you email messages whenever there is an update or when an issue has been pushed to it. While Blackboard Announcements work fine for us at MRU, in the real-world outside of MRU, github watches and issues are the typical way to communicate updates, bug fixes, etc.
  - b) If downloading, then click on Download button and download the zip. You can uncompress it someplace and continue with the lab.
  - c) If using Cloud9, create a HTML5 workspace and in the Clone from Git field specify **<https://github.com/mru-comp3512-archive/f2018-lab10.git>**.
  - d) 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/f2018-lab10.git
```

- 2) Once everything is ready, you will find a step-by-step lab (see **lab10-new.pdf**). I strongly recommend you work your way through each exercise in this lab!

In this lab, you will find two *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.

**NOTE: The final exercise in this lab will be the starting point for the first assignment.**