COMP2132 ASSIGNMENT –

OBJECTIVES

Install and run an HTTP web server on your local development computer, enabling local, secure, offline web development that replicates the live world wide web.

This is an OPTIONAL assignment: It's not worth any marks, and there is nothing to submit to the learning hub drop box.

DUE DATE

Assigned during session09. Not technically due at all, being optional.

REQUIREMENTS

Download an open-source (free) server package for a typical web site architecture, including an HTTP web server, a relational database and server-side scripting.

- WIN: https://www.wampserver.com/en/
- MAC: https://www.mamp.info
- WIN/MAC/LINUX: https://www.apachefriends.org/index.html

No matter what your operating system, install the downloaded package using all the default settings. Do NOT redirect the installation directory to secondary hard drives on your local system (eg: on Windows, allow it to install to the C:/ drive).

After installation, run the server. Maybe also bookmark the executable for easy access in the future.

- WIN: **C:/wamp64/wampmanager.exe**
- MAC: **/Applications/MAMP/MAMP.app** (ignore all MAMP PRO options)
- XAMPP: **/user/XAMPP/xampp.exe**

Locate web development code base (.html, .css, .js, images, sound, video, folders, etc) in the server root folder.

- WIN: **C:/wamp64/www/**
- MAC: **/Applications/MAMP/htdocs/**
- XAMPP: **/user/XAMPP/htdocs/**

During development. test your work over HTTP through the server:

- WIN: **http://localhost**
- MAC: **http://localhost:8888**
- XAMPP: **http://localhost:8888**

With an HTTP server integrated into your development environment, you can privately/securely work within a 'real world' testing bed that replicates the world wide web. This allows Javascript that perform **fetch( )** requests as well as open up possibilities for capabilities that go beyond COMP2132, such as live database interactions and server side scripting.

SUBMISSION

There is nothing to submit. Ask your instructor if you require assistance.