Setting up a local web server for Mac Book

Apache already installed on Macs

1. **Edit the Apache configuration file as root**

sudo vi /etc/apache2/**httpd.conf**

Enable PHP by uncommenting line 177, changing:

#LoadModule php7\_module libexec/apache2/libphp7.so

to

LoadModule php7\_module libexec/apache2/libphp7.so

Enable personal websites by uncommenting the following at line 174:

#LoadModule userdir\_module libexec/apache2/mod\_userdir.so

to

LoadModule userdir\_module libexec/apache2/mod\_userdir.so

and do the same at line 511:

#Include /private/etc/apache2/extra/httpd-userdir.conf

to

Include /private/etc/apache2/extra/httpd-userdir.conf

**sudo vi /etc/apache2/extra/httpd-userdir.conf**

and uncomment the following at line 16:

#Include /private/etc/apache2/users/\*.conf

to

Include /private/etc/apache2/users/\*.conf

Save and exit.

(done)

1. **Create a folder for personal web sites**

mkdir ~/Sites

echo "<html><body><h1>My site works</h1></body></html>" > ~/Sites/index.html

1. **Change user config file**

Make sure you have a user config file. It should exist at the path: /etc/apache2/users/Guest.conf.

# why Guest?

1. **Turn on Apache**

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sudo apachectl restart

sudo launchctl load -w /System/Library/LaunchDaemons/org.apache.httpd.plist

1. **Try your user home directory:**

**http://localhost/~<your short user name>**

It should say:

**My site works**