Unix Linux Development MacBook Deployment Notes

Tip: Running the app on a mac (when apache is running and webpack is an issue)
Tip: Different Port, cli commands for m1, 403 Error for Nodejs projects
Tip: How to clone a personal repo from github
Tip: How to install Apache on Monery 12.xx (Mac M1)
Includes – Symboiic links, creating a file with touch, installing php.. etc..
Tip: Fixing git push not pushing to GitHub
Tip: How to view hidden files on your mac
Tip: Getting brew to be recognized / creating the .zshrc user file
Tip: Checking the Apache Version
Tip: Understanding Apache and -> (Determining what version of Apache you are using.. etc..)
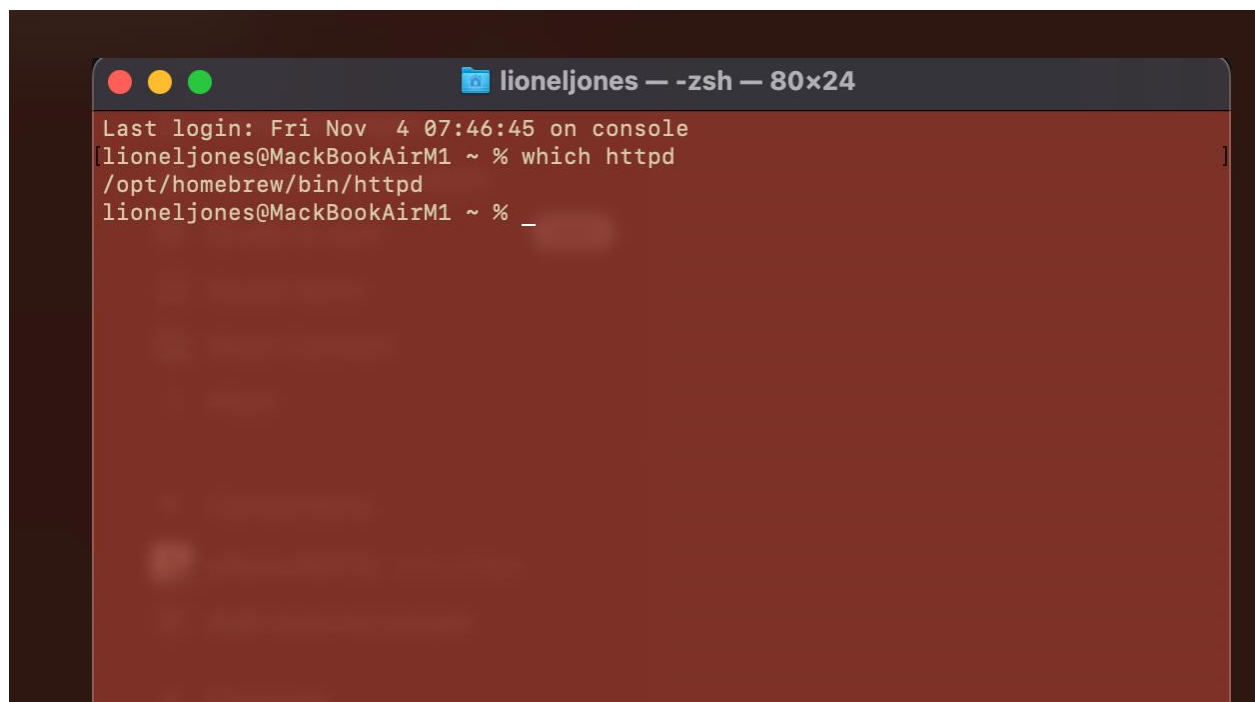**Tip**: How to find the opt directory on macbook
Tip: Installing a React App with Apache on a MacBook

Tip: Installing a React App with Apache on a MacBook
https://gist.github.com/ywwwtseng/63c36ccb58a25a09f7096bbb602ac1de

Find out which version of Apache you are running (this determines where to copy over your files)
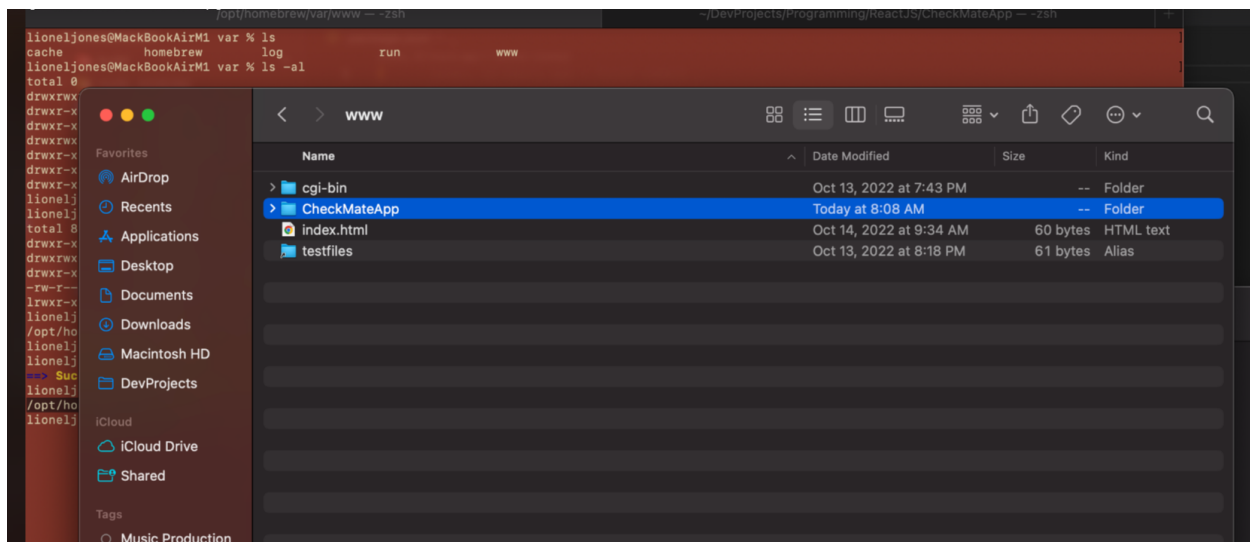

From there you can tell that your www folder is located under:
/opt/homebrew/var/www

Then
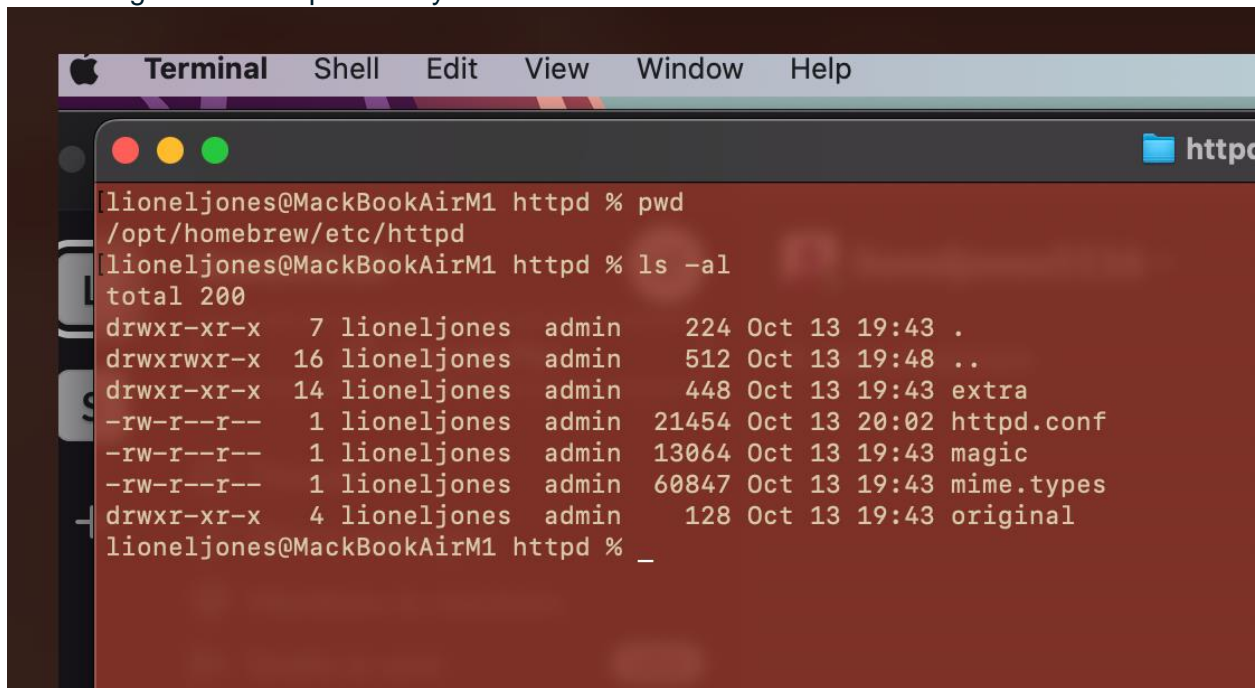
Build your app with npm run build

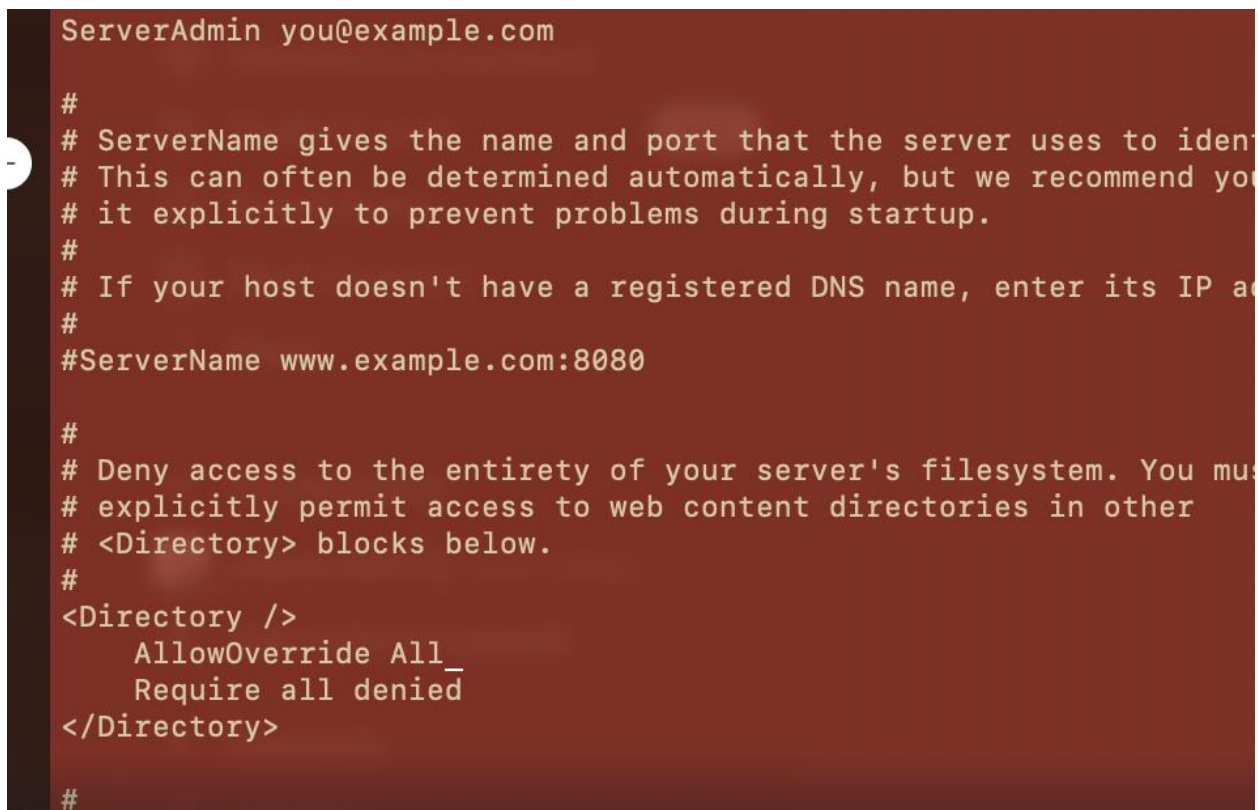Copy over your build files to a folder in your wwwroot

Next navigate to the http directory


```
[lioneljones@MackBookAirM1 httpd % pwd
/opt/homebrew/etc/httpd
[lioneljones@MackBookAirM1 httpd % ls -al
total 200
drwxr-xr-x    7 lioneljones  admin    224 Oct 13 19:43 .
drwxrwxr-x   16 lioneljones  admin    512 Oct 13 19:48 ..
drwxr-xr-x   14 lioneljones  admin    448 Oct 13 19:43 extra
-rw-r--r--    1 lioneljones  admin  21454 Oct 13 20:02 httpd.conf
-rw-r--r--    1 lioneljones  admin  13064 Oct 13 19:43 magic
-rw-r--r--    1 lioneljones  admin  60847 Oct 13 19:43 mime.types
drwxr-xr-x    4 lioneljones  admin    128 Oct 13 19:43 original
lioneljones@MackBookAirM1 httpd % _
```

Edit the httpd.conf file:


```
ServerAdmin you@example.com

#
# ServerName gives the name and port that the server uses to iden
# This can often be determined automatically, but we recommend yo
# it explicitly to prevent problems during startup.
#
# If your host doesn't have a registered DNS name, enter its IP a
#
#ServerName www.example.com:8080

#
# Deny access to the entirety of your server's filesystem. You mu:
# explicitly permit access to web content directories in other
# <Directory> blocks below.
#
<Directory />
    AllowOverride All_
    Require all denied
</Directory>

#
```
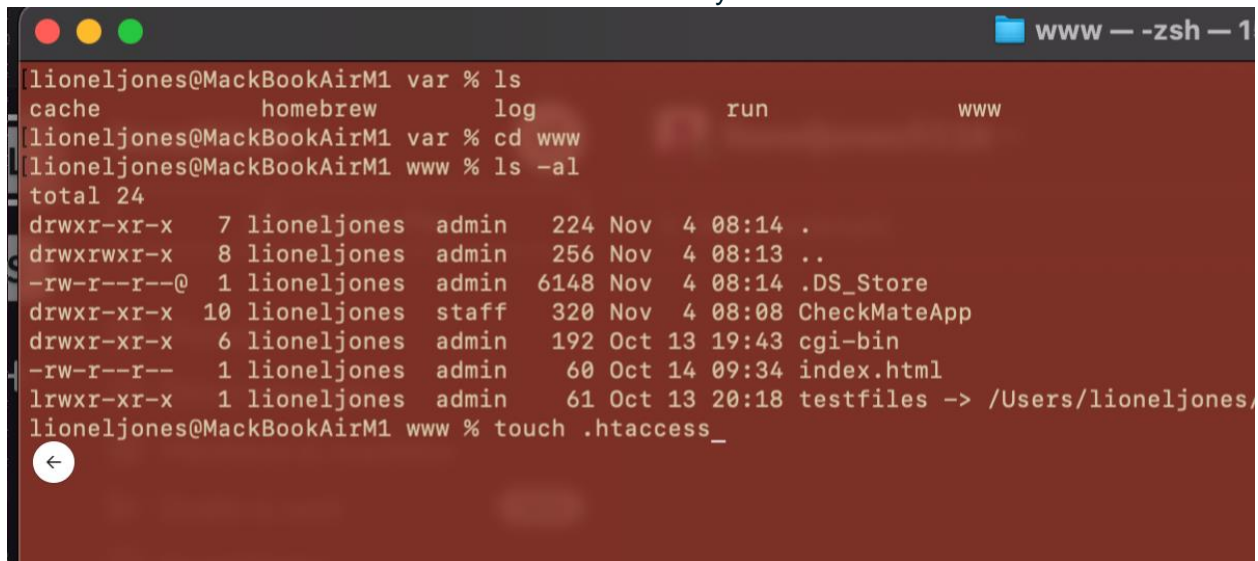
Change the value of AllowOveridde None to All as shown above

Next create a file named .htaccess in the www directory

```
lioneljones@MackBookAirM1 var % ls
cache           homebrew         log          run             www
lioneljones@MackBookAirM1 var % cd www
lioneljones@MackBookAirM1 www % ls -al
total 24
drwxr-xr-x    7 lioneljones  admin   224 Nov   4 08:14 .
drwxrwxr-x    8 lioneljones  admin   256 Nov   4 08:13 ..
-rw-r--r--@   1 lioneljones  admin  6148 Nov   4 08:14 .DS_Store
drwxr-xr-x   10 lioneljones  staff   320 Nov   4 08:08 CheckMateApp
drwxr-xr-x    6 lioneljones  admin   192 Oct 13 19:43 cgi-bin
-rw-r--r--    1 lioneljones  admin    60 Oct 14 09:34 index.html
lrwxr-xr-x    1 lioneljones  admin    61 Oct 13 20:18 testfiles -> /Users/lioneljones/
lioneljones@MackBookAirM1 www % touch .htaccess_
```
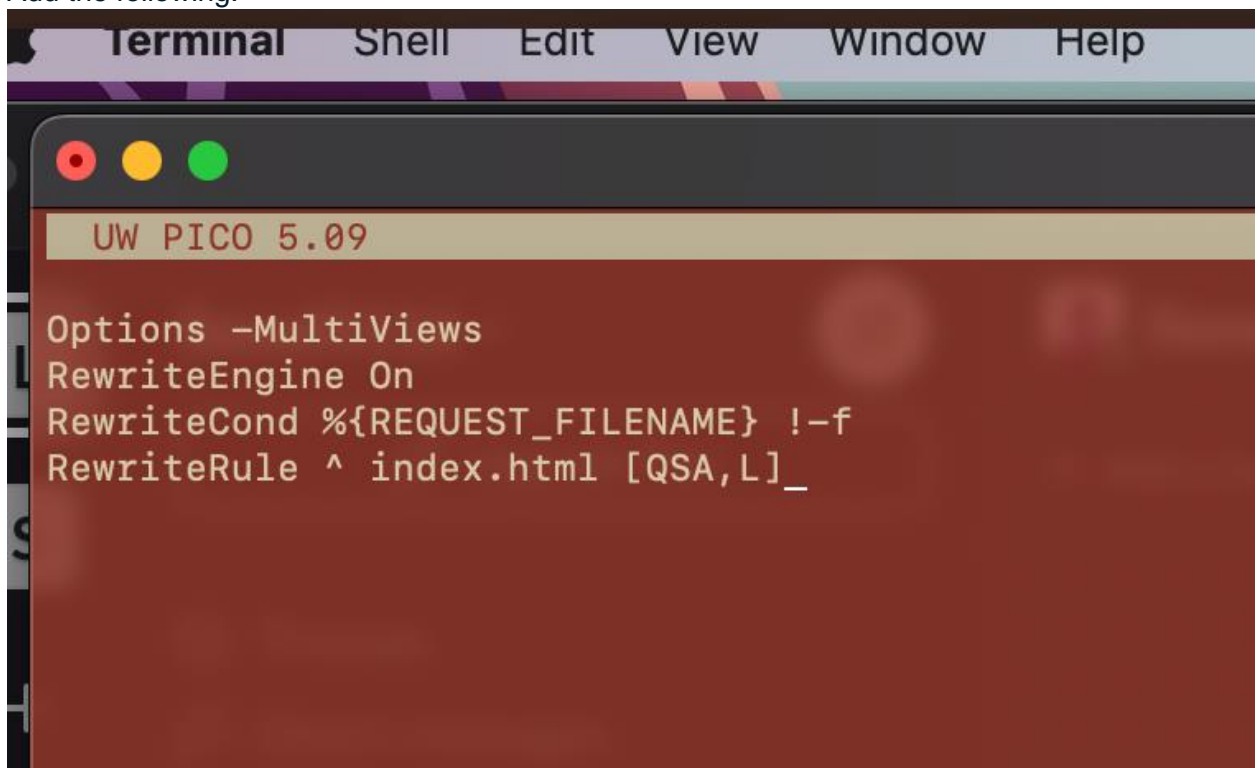
Add the following:

```
Terminal   Shell   Edit   View   Window   Help


UW PICO 5.09


Options -MultiViews
RewriteEngine On
RewriteCond %{REQUEST_FILENAME} !-f
RewriteRule ^ index.html [QSA,L]_
```
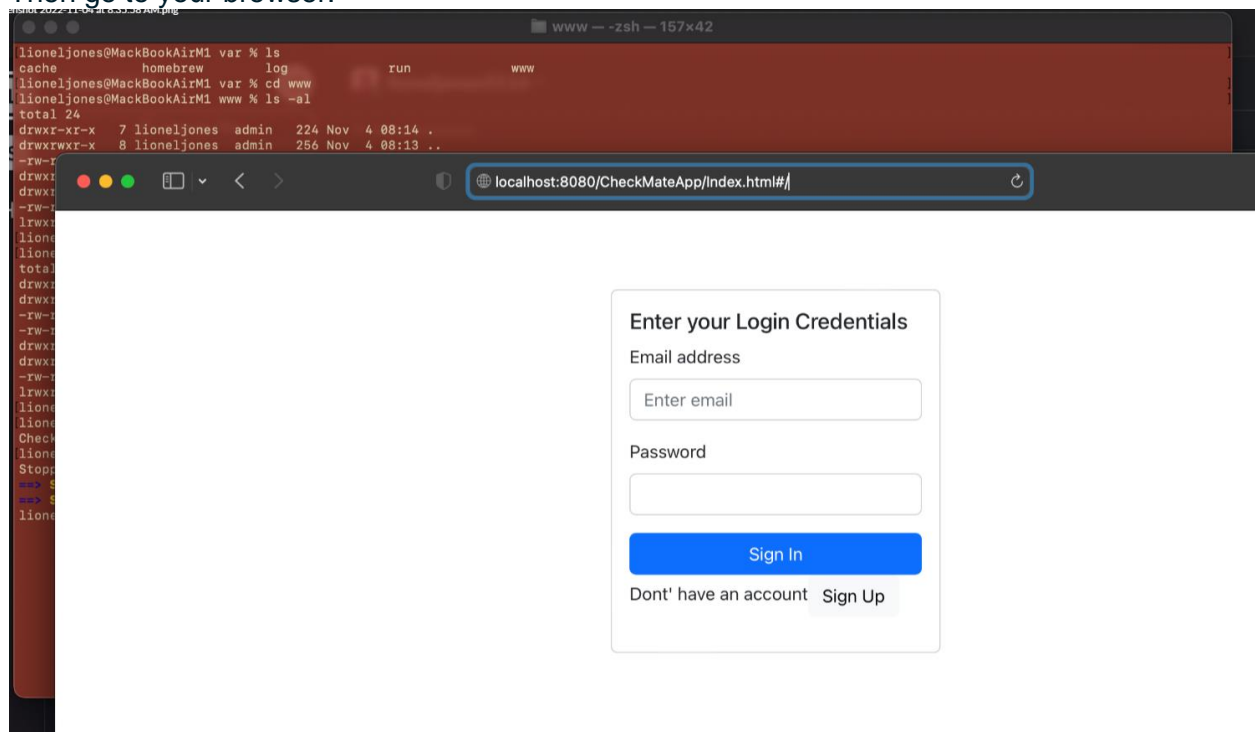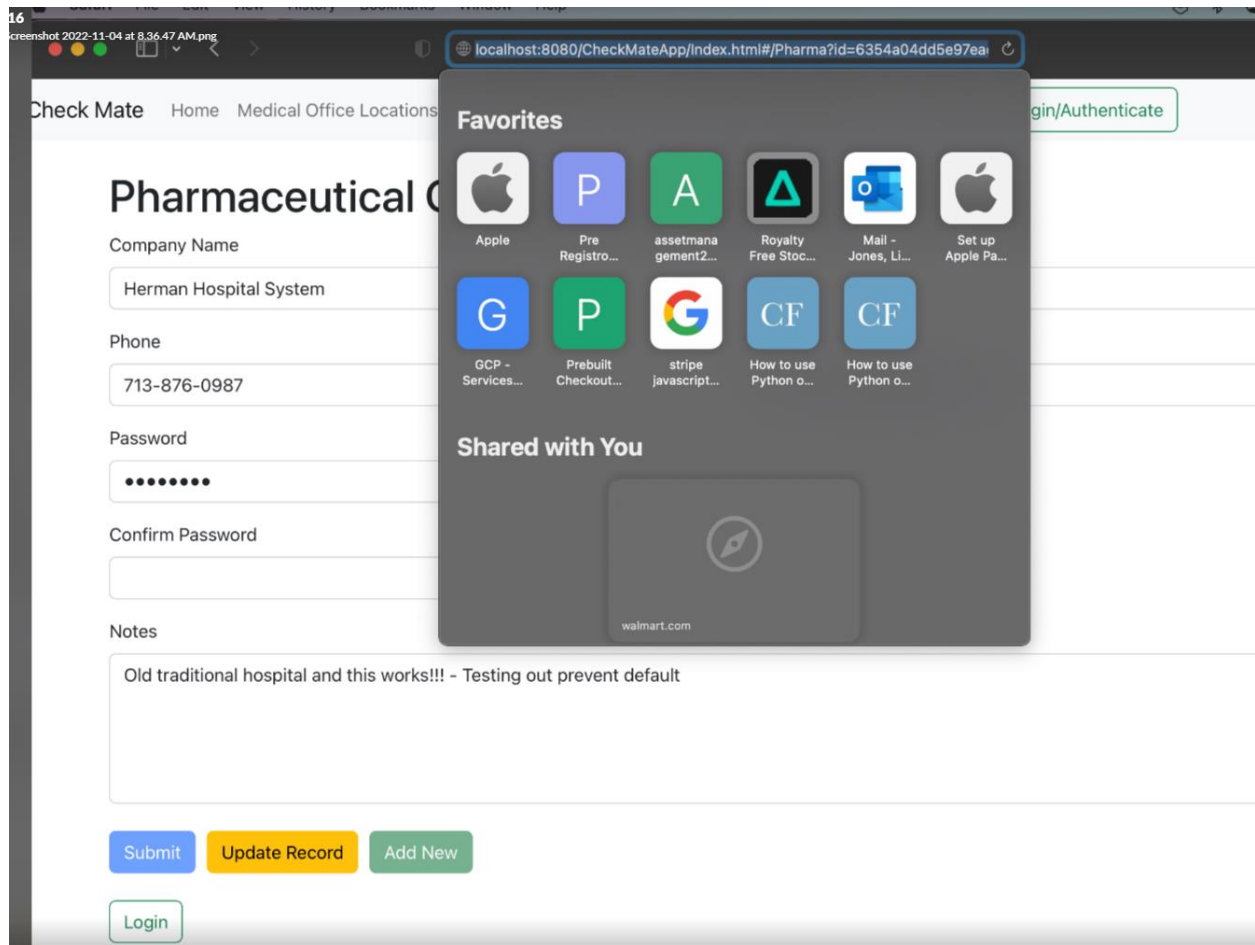
Next Restart Apache

```
lioneljones@MackBookAirM1 var % cd www
lioneljones@MackBookAirM1 www % ls -al
total 24
drwxr-xr-x    7 lioneljones  admin    224 Nov   4 08:14 .
drwxrwxr-x    8 lioneljones  admin    256 Nov   4 08:13 ..
-rw-r--r--@   1 lioneljones  admin   6148 Nov   4 08:14 .DS_Store
drwxr-xr-x   10 lioneljones  staff    320 Nov   4 08:08 CheckMateApp
drwxr-xr-x    6 lioneljones  admin    192 Oct  13 19:43 cgi-bin
-rw-r--r--    1 lioneljones  admin     60 Oct  14 09:34 index.html
lrwxr-xr-x    1 lioneljones  admin     61 Oct  13 20:18 testfiles -> /Users/lioneljones/DevProjects/Programming/WebSites/te
lioneljones@MackBookAirM1 www % touch .htaccess
lioneljones@MackBookAirM1 www % ls -al
total 24
drwxr-xr-x    8 lioneljones  admin    256 Nov   4 08:30 .
drwxrwxr-x    8 lioneljones  admin    256 Nov   4 08:13 ..
-rw-r--r--@   1 lioneljones  admin   6148 Nov   4 08:14 .DS_Store
-rw-r--r--    1 lioneljones  admin      0 Nov   4 08:30 .htaccess
drwxr-xr-x   10 lioneljones  staff    320 Nov   4 08:08 CheckMateApp
drwxr-xr-x    6 lioneljones  admin    192 Oct  13 19:43 cgi-bin
-rw-r--r--    1 lioneljones  admin     60 Oct  14 09:34 index.html
lrwxr-xr-x    1 lioneljones  admin     61 Oct  13 20:18 testfiles -> /Users/lioneljones/DevProjects/Programming/WebSites/te
lioneljones@MackBookAirM1 www % nano .htaccess
lioneljones@MackBookAirM1 www % ls
CheckMateApp    cgi-bin        index.html      testfiles
lioneljones@MackBookAirM1 www % brew services restart httpd
Stopping `httpd`... (might take a while)
==> Successfully stopped `httpd` (label: homebrew.mxcl.httpd)
==> Successfully started `httpd` (label: homebrew.mxcl.httpd)
lioneljones@MackBookAirM1 www % _
```

Then go to your browser:

Enter your Login Credentials

Email address

Enter email

Password

Sign In

Dont' have an account Sign Up

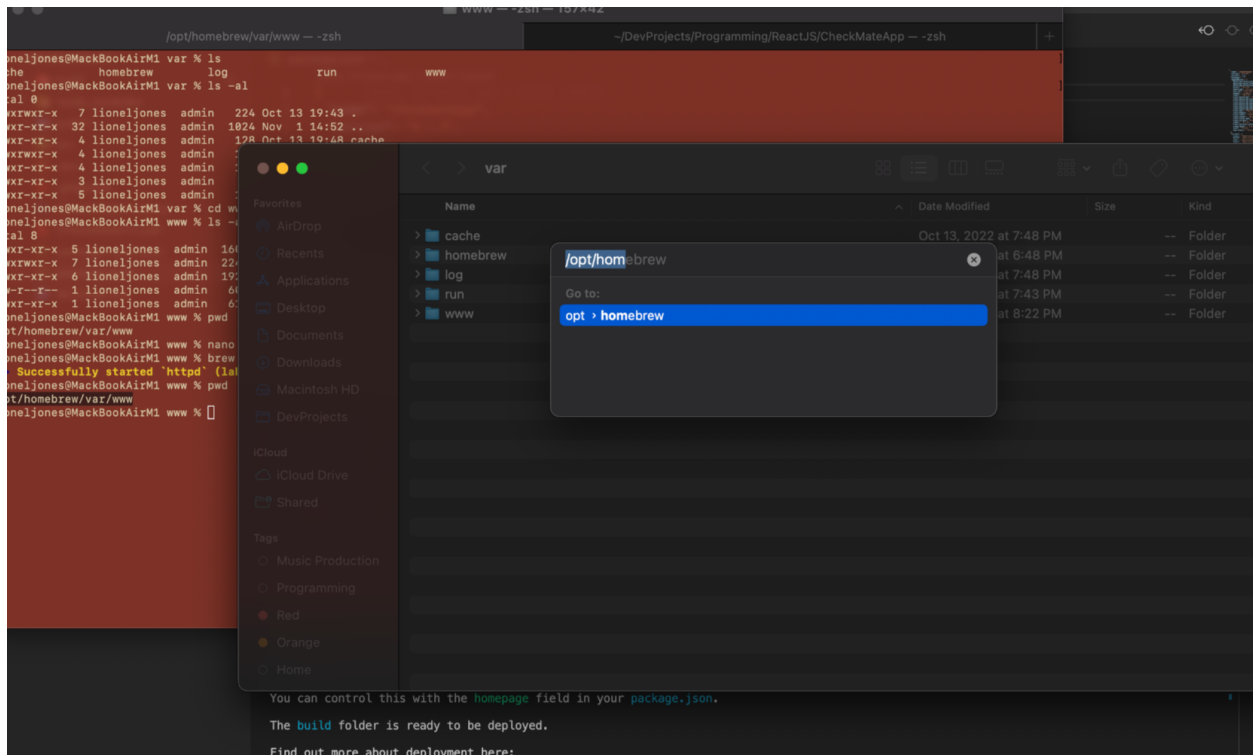IT works!!!!!

http://localhost:8080/CheckMateApp/Index.html#/Login

Tip: How to find the opt directory on macbook
Type CMD+SHIFT+G

Tip: Understanding Apache and -> (Determining what version of Apache you are using.. etc..)
The default path of the system installed version of Apache is
/etc/apache2
The configuration file is:
httpd.conf

```
apache2 — -zsh — 116×34

[lioneljones@LIONELJONESs-MacBook-Air /etc % cd apache2
[lioneljones@LIONELJONESs-MacBook-Air apache2 % ls -al
total 88
drwxr-xr-x   9 root   wheel     288 Aug 24 03:59 .
drwxr-xr-x  80 root   wheel    2560 Oct 13 21:13 ..
drwxr-xr-x  14 root   wheel     448 Aug 24 03:59 extra
-rw-r--r--   1 root   wheel   21648 Aug 24 03:59 httpd.conf
-rw-r--r--   1 root   wheel   13064 Aug 24 03:59 magic
-rw-r--r--   1 root   wheel   61118 Aug 24 03:59 mime.types
drwxr-xr-x   4 root   wheel     128 Aug 24 03:59 original
drwxr-xr-x   4 root   wheel     128 Aug 24 03:59 other
drwxr-xr-x   2 root   wheel      64 Aug 24 03:59 users
[lioneljones@LIONELJONESs-MacBook-Air apache2 % nano httpd.conf
[lioneljones@LIONELJONESs-MacBook-Air apache2 % pwd
/etc/apache2
lioneljones@LIONELJONESs-MacBook-Air apache2 %
```

The default directory for the websites is located:
/Library/Webserver/Documents

```
UW PICO 5.09                                        File: httpd.conf

# Note that from this point forward you must specifically allow
# particular features to be enabled - so if something's not working as
# you might expect, make sure that you have specifically enabled it
# below.
#


#
# DocumentRoot: The directory out of which you will serve your
# documents. By default, all requests are taken from this directory, but
# symbolic links and aliases may be used to point to other locations.
#
DocumentRoot "/Library/WebServer/Documents"
<Directory "/Library/WebServer/Documents">
    #
    # Possible values for the Options directive are "None", "All",
    # or any combination of:
    #    Indexes Includes FollowSymLinks SymLinksifOwnerMatch ExecCGI MultiViews
    #
    # Note that "MultiViews" must be named *explicitly* --- "Options All"
    # doesn't give it to you.
    #
    # The Options directive is both complicated and important.  Please see
    # http://httpd.apache.org/docs/2.4/mod/core.html#options
    # for more information.
    #
    Options FollowSymLinks Multiviews
    MultiviewsMatch Any

    #
```

There you will find the default index.html.en file with **it works!**
This configuration is and index file is no longer used when you install Homebrew version of Apache – see the tip (**Tip**: How to install Apache on Monery 12.xx (Mac M1)
The location of the homebrew installation is:
/opt/homebrew/
The configuration file for the homebrew version
/opt/homebrew/etc/httpd

```
[lioneljones@LIONELJONESs-MacBook-Air httpd % pwd
/opt/homebrew/etc/httpd
[lioneljones@LIONELJONESs-MacBook-Air httpd % ls -al
total 200
drwxr-xr-x    7 lioneljones   admin     224 Oct 13 19:43 .
drwxrwxr-x   16 lioneljones   admin     512 Oct 13 19:48 ..
drwxr-xr-x   14 lioneljones   admin     448 Oct 13 19:43 extra
-rw-r--r--    1 lioneljones   admin   21454 Oct 13 20:02 httpd.conf
-rw-r--r--    1 lioneljones   admin   13064 Oct 13 19:43 magic
-rw-r--r--    1 lioneljones   admin   60847 Oct 13 19:43 mime.types
drwxr-xr-x    4 lioneljones   admin     128 Oct 13 19:43 original
lioneljones@LIONELJONESs-MacBook-Air httpd %
```
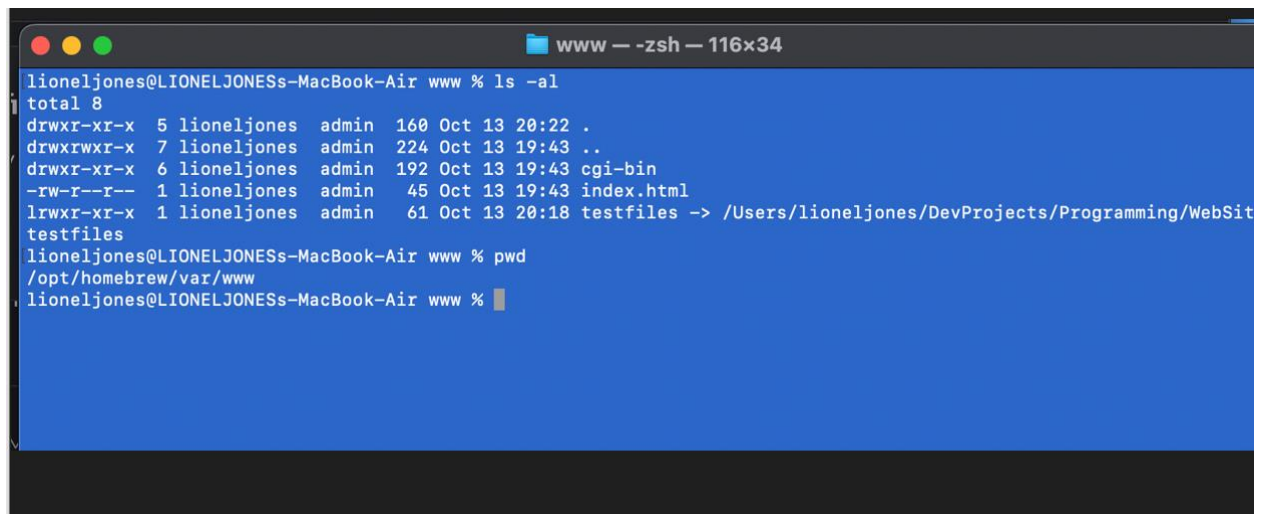
The httpd.conf file
Apache is configured by **placing directives in plain text configuration files**. The main
configuration file is usually called **httpd.conf** .

The document root can be found in the config file for homebrew:

```
# particular features to be enabled — so if something's not working as
# you might expect, make sure that you have specifically enabled it
# below.
#

#
# DocumentRoot: The directory out of which you will serve your
# documents. By default, all requests are taken from this directory, but
# symbolic links and aliases may be used to point to other locations.
#
DocumentRoot "/opt/homebrew/var/www"
<Directory "/opt/homebrew/var/www">
    #
    # Possible values for the Options directive are "None", "All",
    # or any combination of:
    #    Indexes Includes FollowSymLinks SymLinksifOwnerMatch ExecCGI MultiViews
    #
    # Note that "MultiViews" must be named *explicitly* --- "Options All"
    # doesn't give it to you.
    #
    # The Options directive is both complicated and important.  Please see
    # http://httpd.apache.org/docs/2.4/mod/core.html#options
    # for more information.
    #
    Options Indexes FollowSymLinks
```

```
^G Get Help      ^O WriteOut      ^R Read File     ^Y Prev Pg       ^K Cut Text
^X Exit          ^J Justify       ^W Where is      ^V Next Pg       ^U UnCut Text
```

```
lioneljones@LIONELJONESs-MacBook-Air www % ls -al
total 8
drwxr-xr-x  5 lioneljones  admin  160 Oct 13 20:22 .
drwxrwxr-x  7 lioneljones  admin  224 Oct 13 19:43 ..
drwxr-xr-x  6 lioneljones  admin  192 Oct 13 19:43 cgi-bin
-rw-r--r--  1 lioneljones  admin   45 Oct 13 19:43 index.html
lrwxr-xr-x  1 lioneljones  admin   61 Oct 13 20:18 testfiles -> /Users/lioneljones/DevProjects/Programming/WebSit
testfiles
lioneljones@LIONELJONESs-MacBook-Air www % pwd
/opt/homebrew/var/www
lioneljones@LIONELJONESs-MacBook-Air www %
```

When you install HomeBrew's Apache, it takes over as the default installation. Homebrew's apache is the latest and greatest version of Apache

Homebrew Apache commands
https://wpbeaches.com/installing-configuring-apache-on-macos-using-homebrew/

brew services start httpd
brew services stop httpd
brew services restart httpd
which httpd

Changing the Port Number
Next is to change the port numbers from 8080 to 80
nano /usr/local/etc/httpd/httpd.conf

And change Listen 8080 to:
Listen 80
brew services restart httpd

To determine which version of Apache you are using:

which shows you both of your apache,

whereis shows you the **currently used apache**

Tip: Checking the Apache Version
httpd -v

Internal Apache

- **Binary:** `/usr/sbin/httpd`
- **Start/Stop:** `sudo /usr/sbin/apachectl start`
- **Version:** `/usr/sbin/apachectl -v`
- **Config:** `/etc/apache2/httpd.conf`

Homebrew Apache

- **Binary:** `/usr/local/bin/httpd` (symlink to ../Cellar/httpd)
- **Start/Stop:** `sudo /usr/local/bin/apachectl start`
- **Version:** `/usr/local/bin/apachectl -v`
- **Config:** `/usr/local/etc/httpd/httpd.conf`

Tip: Getting brew to be recognized / creating the .zshrc user file

To check the version of homebrew
brew --version

https://superuser.com/questions/1621771/brew-command-not-found-after-installing-homebrew-on-an-arm-m1-mac

The .zshrc file is not created by default on a fresh installation

.Zshrc is a configuration file that contains the commands that run the zsh shell, just like the .bashrc file that contains commands for the bash shell. It contains scripts that run whenever an interactive zsh session is launched. In Linux, the file is stored in the home/user directory as a hidden file.

What is Zsh?

Zsh is short for Z shell. It is an interactive login shell initially designed in the 1990s for the Unix operating system

Essentially you need create a .zshrc file in your home directory and add the following line:

eval $(/opt/homebrew/bin/brew shellenv)

macOS: Terminal & Z-Shell (zsh)
On macOS, the terminal is our "hardware" for the shell, so the tool where our shell software can run. In the past, *the bash-shell was the standard*, **nowadays being replaced by the z-shell (zsh**)

1 Answer   Sorted by: Highest score (default) ◆

▲   Homebrew isn't included in your `$PATH` variable, which is the cause of the shell not finding the
      `brew` command.
4
      To fix this, you must edit your shell startup script, `.zshrc`. The Homebrew installer doesn't make
▼   this edit, but rather instructs the user to do it, which you probably missed.

🔖   Add the following line to `.zshrc` :
🕐
          eval $(/opt/homebrew/bin/brew shellenv)

      You can either add it with a text editor or by executing a shell command:

          $ echo 'eval $(/opt/homebrew/bin/brew shellenv)' >> $HOME/.zshrc

      Now, reload the shell by opening a new shell window and you should be good to go.

Explanation

The lines in `.zshrc` are executed each time you open a new shell.

When the shell reaches the line

    eval $(/opt/homebrew/bin/brew shellenv)

it will at first execute

    /opt/homebrew/bin/brew shellenv

Tip: How to view hidden files on your mac
Press **Command + Shift .**
(Press all three at the same time including the period)
You can only see hidden files in explorer
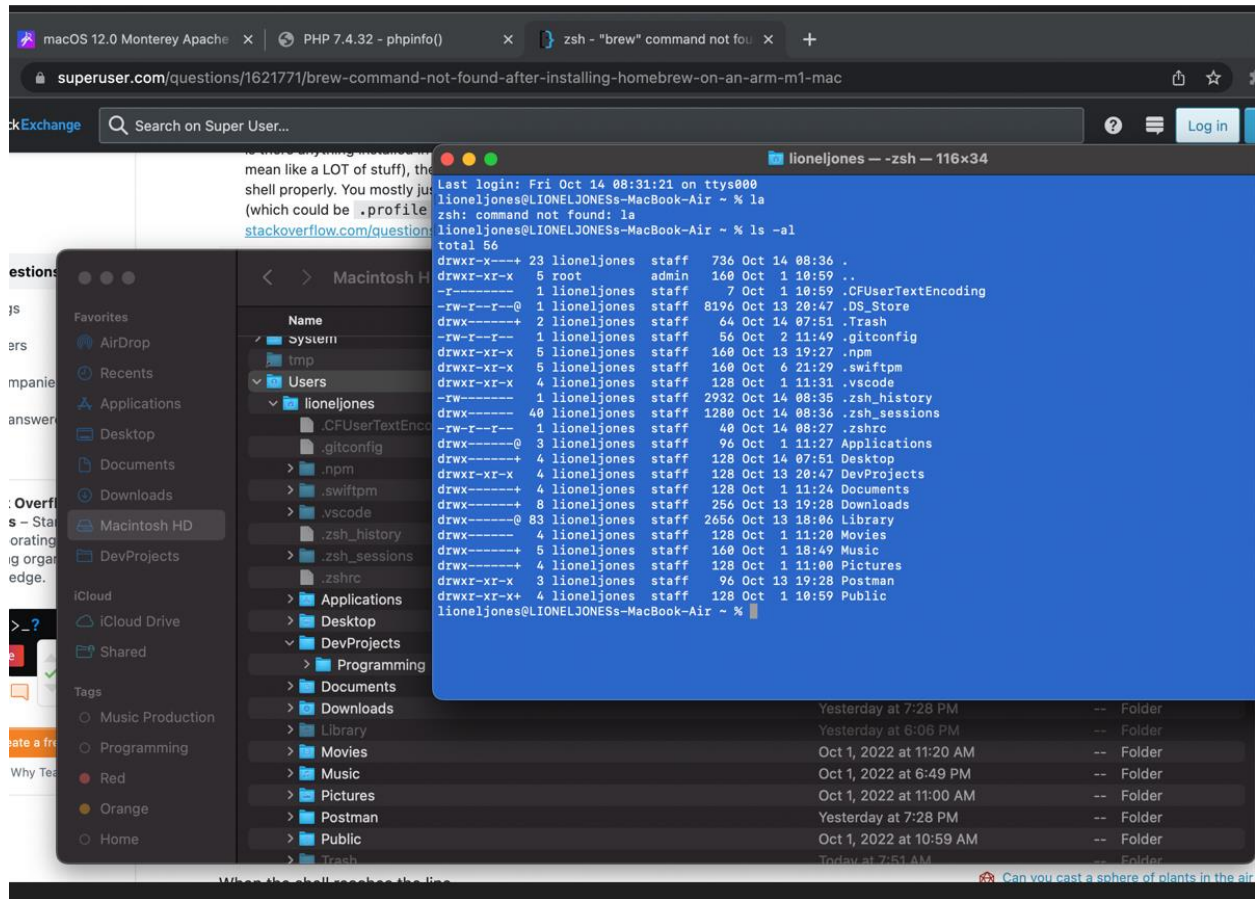
Tip: Fixing git push not pushing to GitHub
Do a git status:

```
Command Prompt
c:\DevProjects\Programming\Nodejs\assetmgmtservice>git status
On branch master
Your branch is up to date with 'origin/master'.

Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        deleted:    AssetMgmtService.docx
        deleted:    AssetMgmtService.pdf

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        AssetMgmtService_V2.docx
        AssetMgmtService_V2.pdf

no changes added to commit (use "git add" and/or "git commit -a")

c:\DevProjects\Programming\Nodejs\assetmgmtservice>git add .

c:\DevProjects\Programming\Nodejs\assetmgmtservice>git commit -m "added some new files"
[master 57059ce] added some new files
 2 files changed, 0 insertions(+), 0 deletions(-)
 rename AssetMgmtService.docx => AssetMgmtService_V2.docx (59%)
 rename AssetMgmtService.pdf => AssetMgmtService_V2.pdf (71%)

c:\DevProjects\Programming\Nodejs\assetmgmtservice>git push origin main
error: src refspec main does not match any
error: failed to push some refs to 'https://github.com/lionel5116/assetmgmtservice.git'

c:\DevProjects\Programming\Nodejs\assetmgmtservice>git push origin master
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 12 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 10.47 MiB | 750.00 KiB/s, done.
Total 4 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/lionel5116/assetmgmtservice.git
   d9d3c83..57059ce  master -> master

c:\DevProjects\Programming\Nodejs\assetmgmtservice>
```

Then follow what you see that some files have changed, so type the command:

git add .
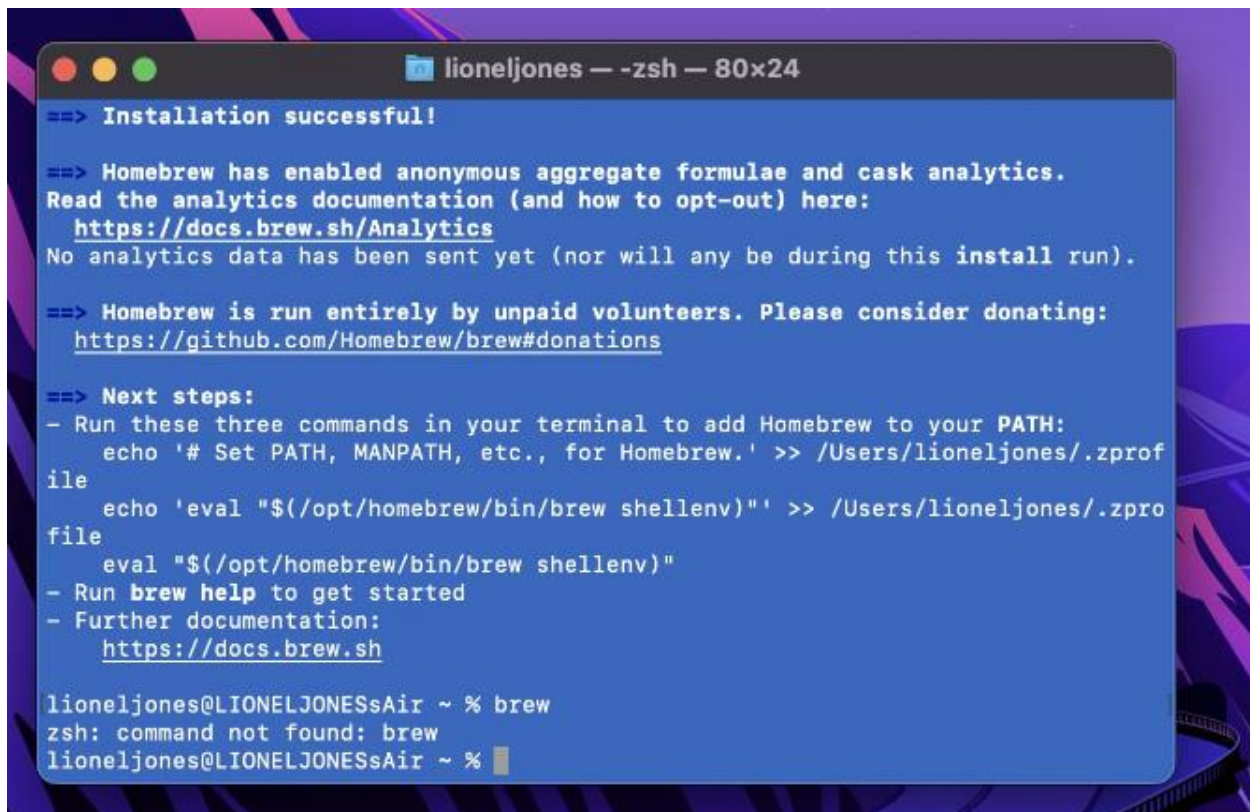Then
git commit -m "added .."

Then
git push origin master

Tip: How to install Apache on Monery 12.xx (Mac M1)
https://dev.to/hte305/how-to-install-apache-in-macos-m1-montery-12xx-2k51

Install HombeBrew
/bin/bash -c "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/HEAD/install.sh)"

```
==> Installation successful!

==> Homebrew has enabled anonymous aggregate formulae and cask analytics.
Read the analytics documentation (and how to opt-out) here:
  https://docs.brew.sh/Analytics
No analytics data has been sent yet (nor will any be during this install run).

==> Homebrew is run entirely by unpaid volunteers. Please consider donating:
  https://github.com/Homebrew/brew#donations

==> Next steps:
- Run these three commands in your terminal to add Homebrew to your PATH:
    echo '# Set PATH, MANPATH, etc., for Homebrew.' >> /Users/lioneljones/.zprof
ile
    echo 'eval "$(/opt/homebrew/bin/brew shellenv)"' >> /Users/lioneljones/.zpro
file
    eval "$(/opt/homebrew/bin/brew shellenv)"
- Run brew help to get started
- Further documentation:
    https://docs.brew.sh

lioneljones@LIONELJONESsAir ~ % brew
zsh: command not found: brew
lioneljones@LIONELJONESsAir ~ %
```

Add homebrew to your path with this command:

export PATH="/opt/homebrew/bin:$PATH"

Next install httpd
brew install httpd

This installed Apache
To test type the following command:

brew services start httpd

Type the following:
http://localhost:8080

Install PHP
brew install php@7.4

After the install start the php services:
brew services restart php@7.4

Correct paths for PHP
export PATH="/opt/homebrew/opt/php@7.4/bin:$PATH"

export PATH="/opt/homebrew/opt/php@7.4/sbin:$PATH"

Run this command to check the version
php -v

The path where your files are for Apache's websites is located:
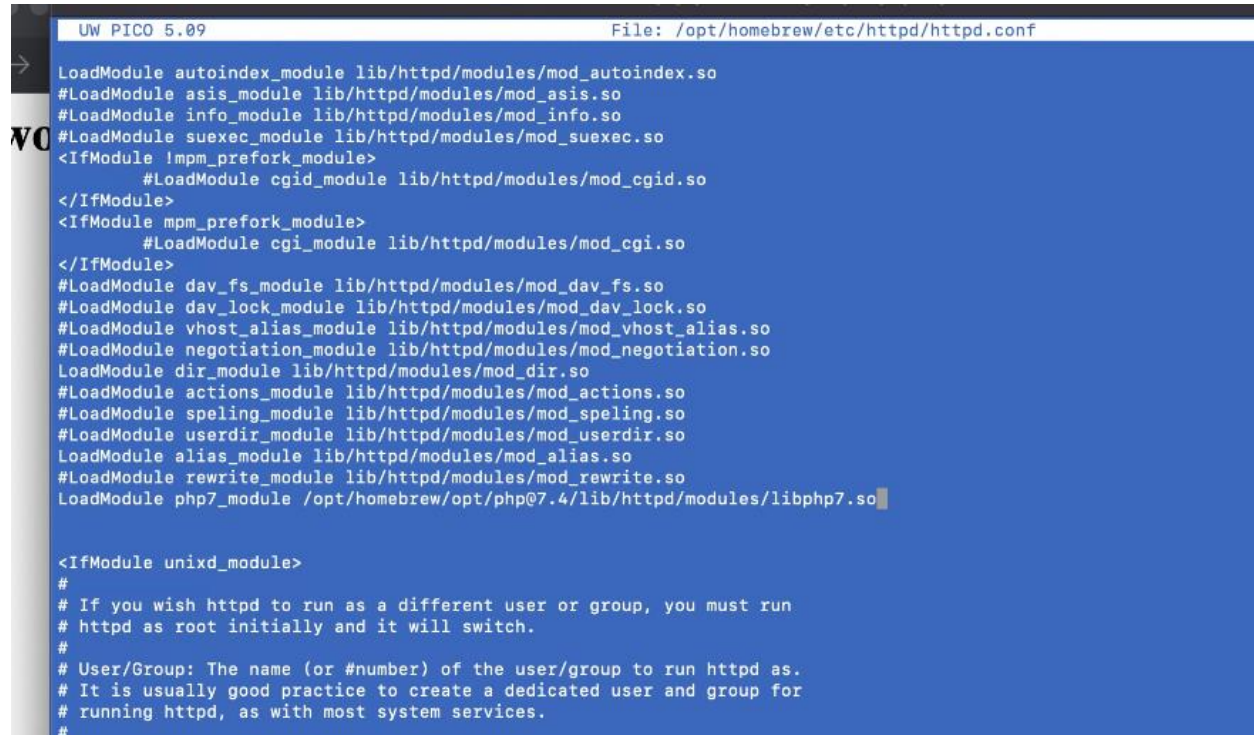
/opt/homebrew/var/www

Next setup php in httpd

nano /opt/homebrew/etc/httpd/httpd.conf

Search for the last LoadModule and paste:

LoadModule php7_module /opt/homebrew/opt/php@7.4/lib/httpd/modules/libphp7.so

```
UW PICO 5.09                                    File: /opt/homebrew/etc/httpd/httpd.conf

LoadModule autoindex_module lib/httpd/modules/mod_autoindex.so
#LoadModule asis_module lib/httpd/modules/mod_asis.so
#LoadModule info_module lib/httpd/modules/mod_info.so
#LoadModule suexec_module lib/httpd/modules/mod_suexec.so
<IfModule !mpm_prefork_module>
        #LoadModule cgid_module lib/httpd/modules/mod_cgid.so
</IfModule>
<IfModule mpm_prefork_module>
        #LoadModule cgi_module lib/httpd/modules/mod_cgi.so
</IfModule>
#LoadModule dav_fs_module lib/httpd/modules/mod_dav_fs.so
#LoadModule dav_lock_module lib/httpd/modules/mod_dav_lock.so
#LoadModule vhost_alias_module lib/httpd/modules/mod_vhost_alias.so
#LoadModule negotiation_module lib/httpd/modules/mod_negotiation.so
LoadModule dir_module lib/httpd/modules/mod_dir.so
#LoadModule actions_module lib/httpd/modules/mod_actions.so
#LoadModule speling_module lib/httpd/modules/mod_speling.so
#LoadModule userdir_module lib/httpd/modules/mod_userdir.so
LoadModule alias_module lib/httpd/modules/mod_alias.so
#LoadModule rewrite_module lib/httpd/modules/mod_rewrite.so
LoadModule php7_module /opt/homebrew/opt/php@7.4/lib/httpd/modules/libphp7.so


<IfModule unixd_module>
#
# If you wish httpd to run as a different user or group, you must run
# httpd as root initially and it will switch.
#
# User/Group: The name (or #number) of the user/group to run httpd as.
# It is usually good practice to create a dedicated user and group for
# running httpd, as with most system services.
#
```

Paste this below the line you pasted for LoadModule PHP

<FilesMatch \.php$>

    SetHandler application/x-httpd-php

</FilesMatch>

```
LoadModule autoindex_module lib/httpd/modules/mod_autoindex.so
#LoadModule asis_module lib/httpd/modules/mod_asis.so
#LoadModule info_module lib/httpd/modules/mod_info.so
#LoadModule suexec_module lib/httpd/modules/mod_suexec.so
<IfModule !mpm_prefork_module>
        #LoadModule cgid_module lib/httpd/modules/mod_cgid.so
</IfModule>
<IfModule mpm_prefork_module>
        #LoadModule cgi_module lib/httpd/modules/mod_cgi.so
</IfModule>
#LoadModule dav_fs_module lib/httpd/modules/mod_dav_fs.so
#LoadModule dav_lock_module lib/httpd/modules/mod_dav_lock.so
#LoadModule vhost_alias_module lib/httpd/modules/mod_vhost_alias.so
#LoadModule negotiation_module lib/httpd/modules/mod_negotiation.so
LoadModule dir_module lib/httpd/modules/mod_dir.so
#LoadModule actions_module lib/httpd/modules/mod_actions.so
#LoadModule speling_module lib/httpd/modules/mod_speling.so
#LoadModule userdir_module lib/httpd/modules/mod_userdir.so
LoadModule alias_module lib/httpd/modules/mod_alias.so
#LoadModule rewrite_module lib/httpd/modules/mod_rewrite.so
LoadModule php7_module /opt/homebrew/opt/php@7.4/lib/httpd/modules/libphp7.so

<FilesMatch \.php$>
        SetHandler application/x-httpd-php
</FilesMatch>


<IfModule unixd_module>
#
# If you wish httpd to run as a different user or group, you must run
# httpd as root initially and it will switch.
#
# User/Group: The name (or #number) of the user/group to run httpd as.
# It is usually good practice to create a dedicated user and group for
# running httpd, as with most system services.
#
User _www
Group _www

</IfModule>

# 'Main' server configuration
#
# The directives in this section set up the values used by the 'main'
# server, which responds to any requests that aren't handled by a
```
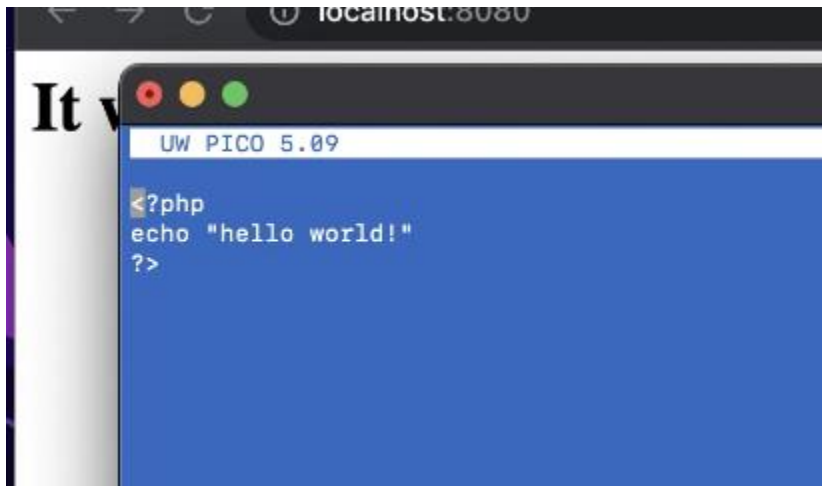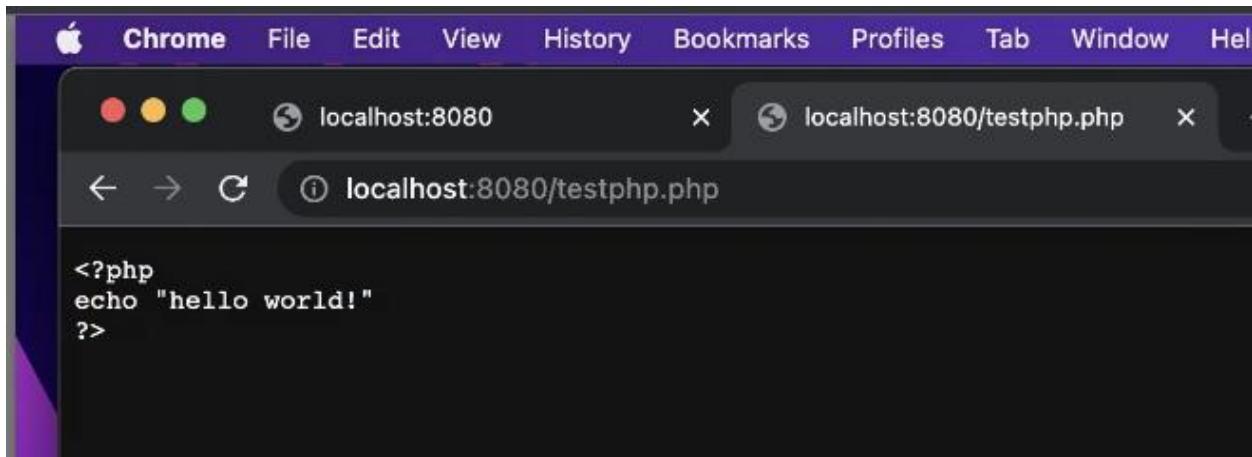
Next create an empty file at the command line

touch testphp.php
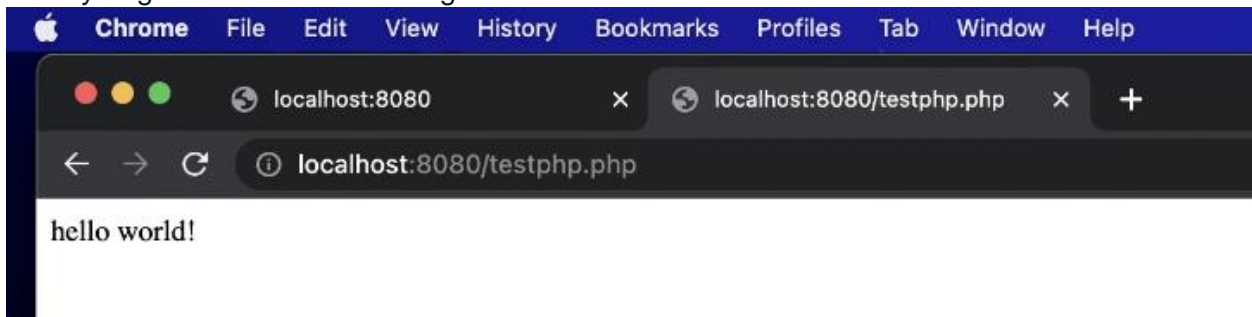
Do a nano testphp.php and replace the contents with:

```
UW PICO 5.09

<?php
echo "hello world!"
?>
```

http://localhost:8080/testphp.php


```
<?php
echo "hello world!"
?>
```

Somethings off

Start and stop apache

brew services stop httpd

brew services start httpd

Then you get the correct rendering

hello world!

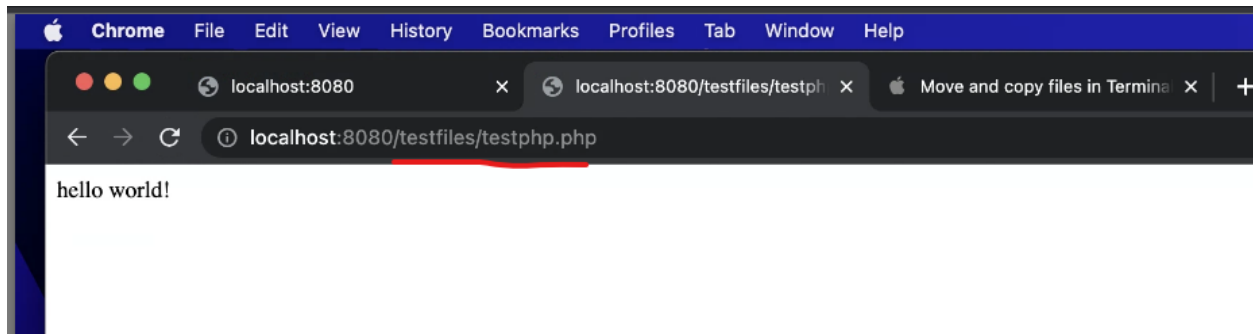Next I created a symbolic link to a folder to place test files

ln -s /Users/lioneljones/DevProjects/Programming/WebSites/testfiles /opt/homebrew/var/www

Then we move the test file to a linked directory

Now browse file from the symbolic link directory

Tip: Running the app on a mac (when apache is running and webpack is an issue)
On a mac, if you do a npm install on the client folder, you will get a npm run webpack error,
If you look at the error, it will tell you what command to run to get npm install to run
npm install -f (or npm install -force

For Apache – The default port for Apache Is set to 8080
Stop Apache with:
brew services stop http
Then when you run your application, the default page will come up if cached, it that happens , do a page refresh and it will come up

Tip: Different Port, cli commands for m1, 403 Error for Nodejs projects
For Macs, you have to change the port in your server.js file to some port other than 5000, apparently this port is used by some other mac process.

```
39  if(process.env.NODE_ENV === 'production')
40  {
41        //Set static folder (our public folder)
42        app.use(express.static('client/dist'));
43        app.get('*',(req,res) => {
44            res.sendFile(path.resolve(__dirname,'client','dist','index.html'));
45        })
46
47  }
48
49  //HEROKU LOOKS AT THE porcess.env.PORT
50  const PORT = process.env.PORT || 5000;
51
52  app.listen(PORT, () => console.log(`Server started on port ${PORT}`));
```

And for the proxy, you have to change the Vue.config.js file as well

```
vue.config.js  ×

client > vue.config.js > ...
    p00149021@houstonisd.org Mag17615@7, 2 weeks ago | 1 author (p00149021@houstonisd.org Mag17615@7)
1   const { defineConfig } = require('@vue/cli-service')
2   module.exports = defineConfig({
3     transpileDependencies: true,
4     publicPath: ''
5   })
6
7   module.exports = {
8     configureWebpack: {
9       devtool: 'source-map'
10     }
11  }
12
13
14  module.exports = {
15    devServer: {
16      proxy: {
17        '/api': {
18          target: 'http://localhost:5000/',
19          ws: true,
20          changeOrigin: true,
21        },
22      },
23    },
24  }
25
```

If not, you will get a 403 forbiddent error.
This also has to be done on other nodejs projects where you are using proxy in your package.json file

Here are some other commands for installing the cli on M1

command to install heroku on m1

arch -arm64 brew install heroku

Heroku Credentials
PE
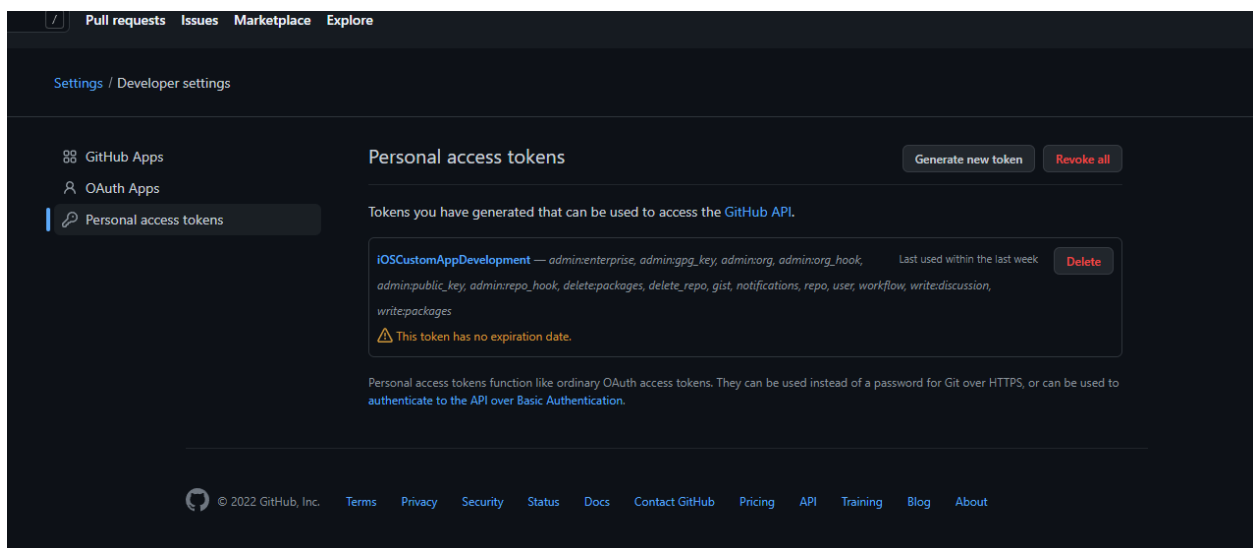BFLU@

Installing vue on m1
sudo `npm install -g @vue/cli`

Port in use kill commands
for mac
netstat -vanp tcp | grep 5001
kill -9 <pid>

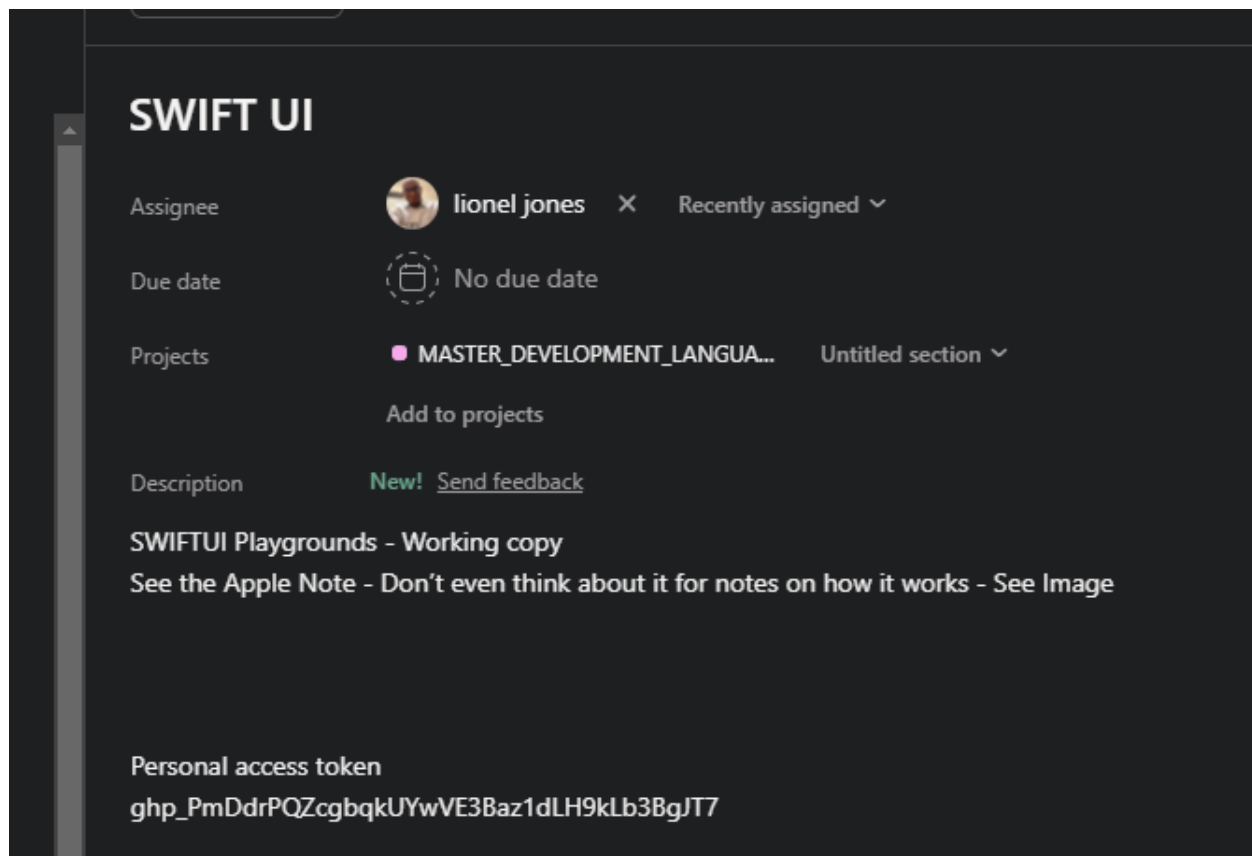**Tip**: How to clone a personal repo from github

The first thing you have to do is create a personal access token on GitHub
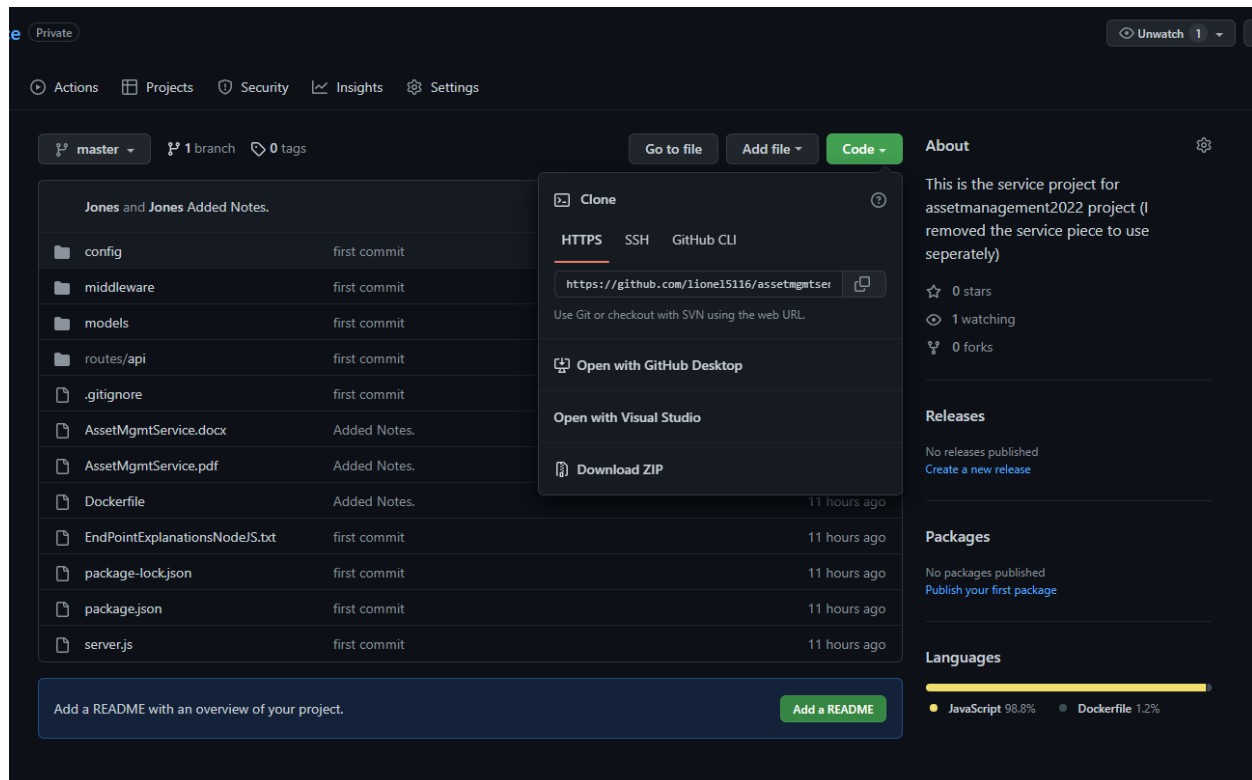

https://www.youtube.com/watch?v=PPaKnLbYs7o

I already have one

SWIFT UI

Assignee	🧑 lionel jones ✕ Recently assigned ⌄
Due date	📅 No due date
Projects	🟣 MASTER_DEVELOPMENT_LANGUA... Untitled section ⌄
	Add to projects
Description	New! Send feedback

SWIFTUI Playgrounds - Working copy
See the Apple Note - Don't even think about it for notes on how it works - See Image

Personal access token
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

I generated one with SWIFTUI project for XCODE

Next copy the https: URL from your app

This is your ending URL

git clone https://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:x-oauth-basic@github.com/lionel5116/assetmgmtservice.git

It's made up of:
https:<personal access token>
:x-oauth-basic@github.com/lionel5116/
<Your repo name>

And it works on windows or mac