

XAMPP (This will work on both **Windows** and **Mac** machines)

- Download and install XAMPP for your preferred operating system
<https://www.apachefriends.org/>
- After running through the installation wizard and choosing the preferred storage location(the default is c:/xampp) open up the xampp control panel
- Start the Apache and MySQL module
- Put your php file (or in this case the git clone the repo) into the xampp/htdocs/ directory
- Afterwards you can view the file by going to the browser and navigating to localhost/filepath/index.php
 - ex.localhost/team_5/index.php

Using Debian WSL (**Windows** only, This is the way I did it and the preferred way since it mimics production the closest)

- If you don't have it already install the Debian WSL module from the microsoft store
- Once you have the debian WSL setup
- Run `sudo apt install nginx -y` to install nginx
- Run `sudo apt install php-common libapache2-mod-php php-cli` to install php
- Run `sudo apt install php-mysql` to install mysql and curl
- Run `sudo apt install php8.2-fpm` to install php fpm
- Navigate to the nginx config directory
 - `cd etc/nginx/sites-available`
- Once there run nano default to edit the configuration and enable php
- Add the following snippet under `location /{ ... }`:

```
location ~ \.php$ {  
    include snippets/fastcgi-php.conf;  
    #  
    # With php-fpm (or other unix sockets):  
    fastcgi_pass unix:/run/php/php8.2-fpm.sock;  
    # With php-cgi (or other tcp sockets):  
    fastcgi_pass 127.0.0.1:9000;  
}
```

- A bit above this when they are listing index files (index.html index.htm) also add index.php
- Save and exit the file
- Afterwards start nginx by running the following: `sudo nginx`
 - To reload run `sudo nginx -s reload`
 - To quit run `sudo nginx -s quit`
- And then run the following: `sudo service php8.2-fpm start`
 - To quit run `sudo service php8.2-fpm quit`
- Viola you should be able to see the page if you navigate to `localhost`

- The php files can be put into the `var/www/html` directory (this can be change in the config if you'd like)