# Laboratory Activity
# Web Systems and Technology
Midterm

Procedure:

Note: Insert/paste all your screenshots/output inside this document. Then upload it to your github. This is a separate filename : Avtivity 2- 10/28 , and then send to me the link.

- Open your individual unit and check your current PHP version using the command prompt see sample image below : Write the command in the black provided (below)
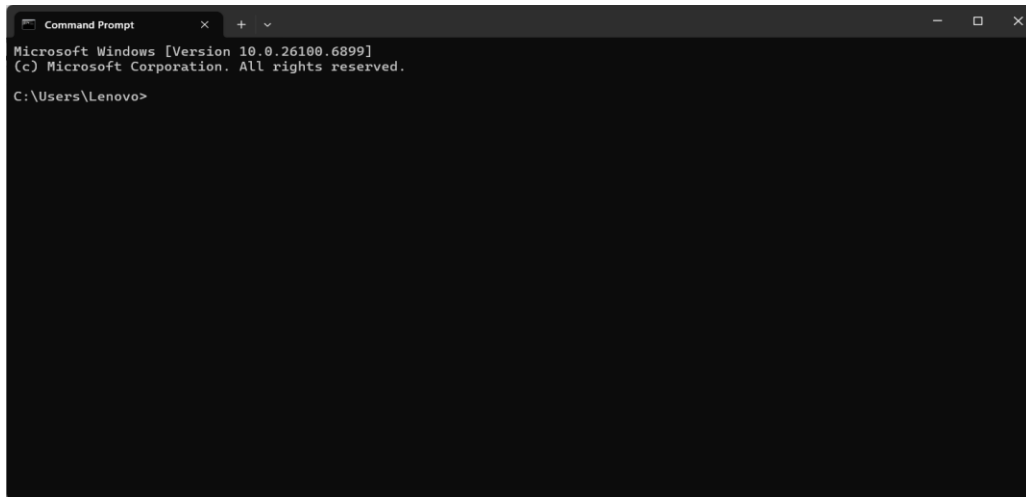
- php -v

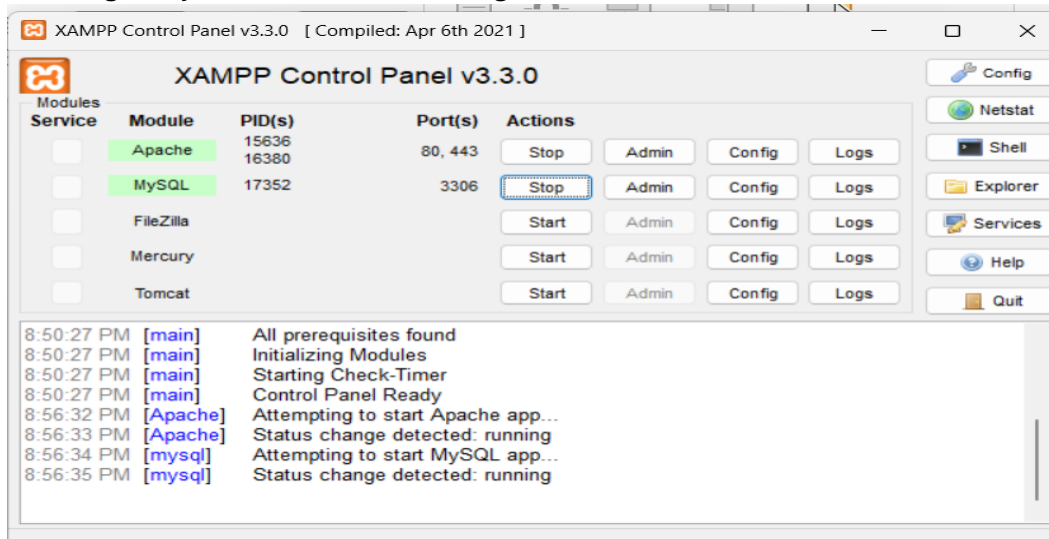- Then open the XAMPP control panel (see image)
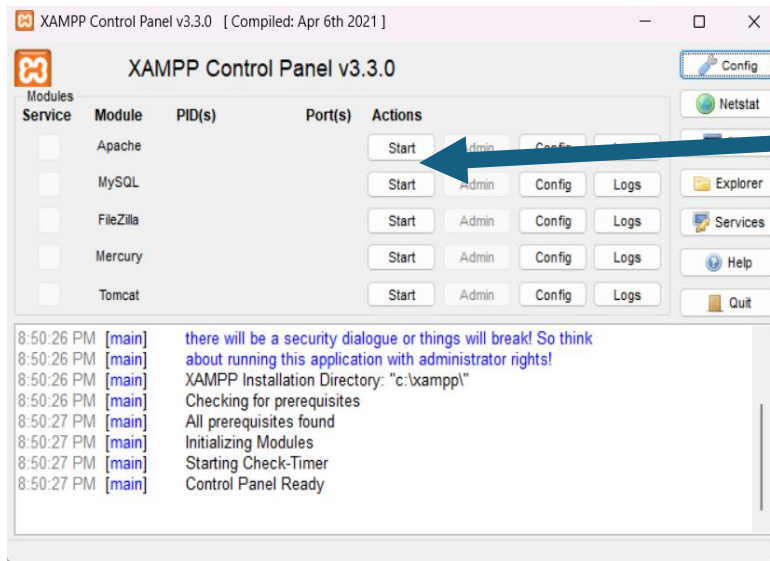
Make sure to click the Start button to open the Apache and MySQL

- Once it green your server is now running

- Make sure to check the ports of Apache and MySQL as follows

- Your now ready to test your server
- Access the XAMPP dashboard in a browser
  - Open your preferred web browser and type `http://localhost` into the address bar and press **Enter**.

o If XAMPP is working correctly, you will see the XAMPP welcome page, which confirms the Apache web server is running.
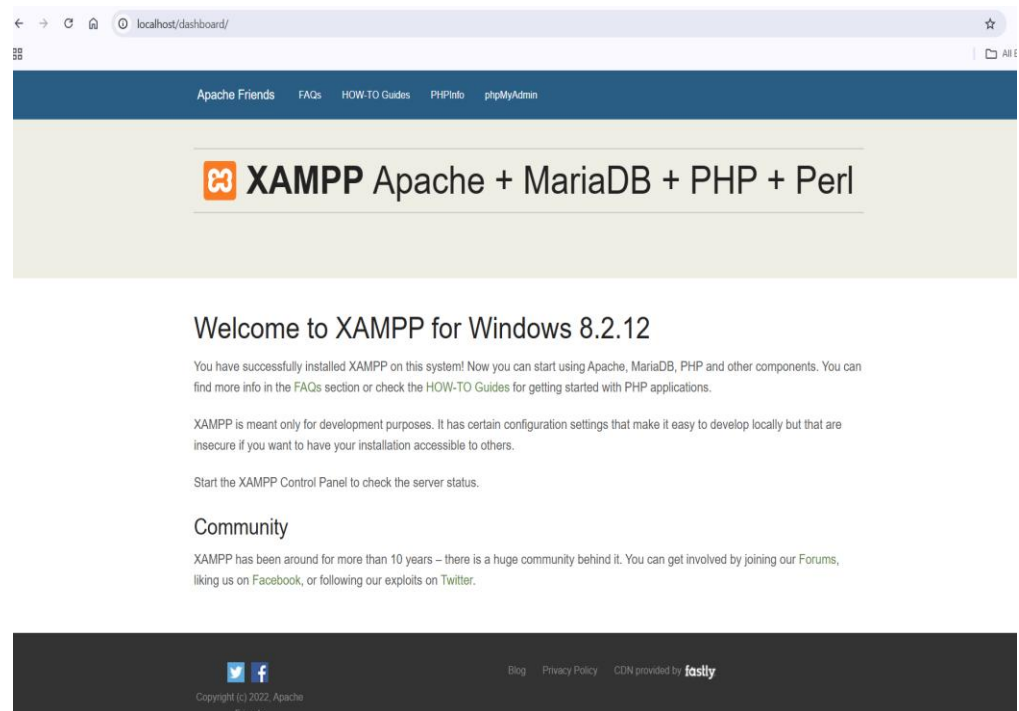
o Alternatively, you can type `http://127.0.0.1` to get the same result.

- Next, open your VS code app if the following Extension are available and properly installed
  o PHP server
  o Live server
  o PHP intelephense
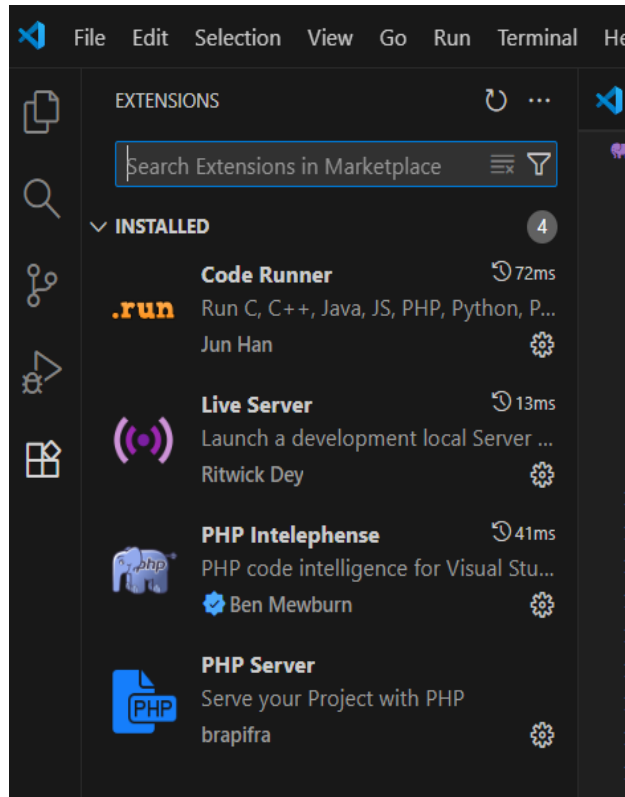
- Once installed start your first PHP code

First thing first create a folder inside your XAMPP
- **Locate your root folder**. Open the XAMPP Control Panel and click the **Explorer** button to navigate to your installation directory, typically **C:\xampp\ on Windows**.
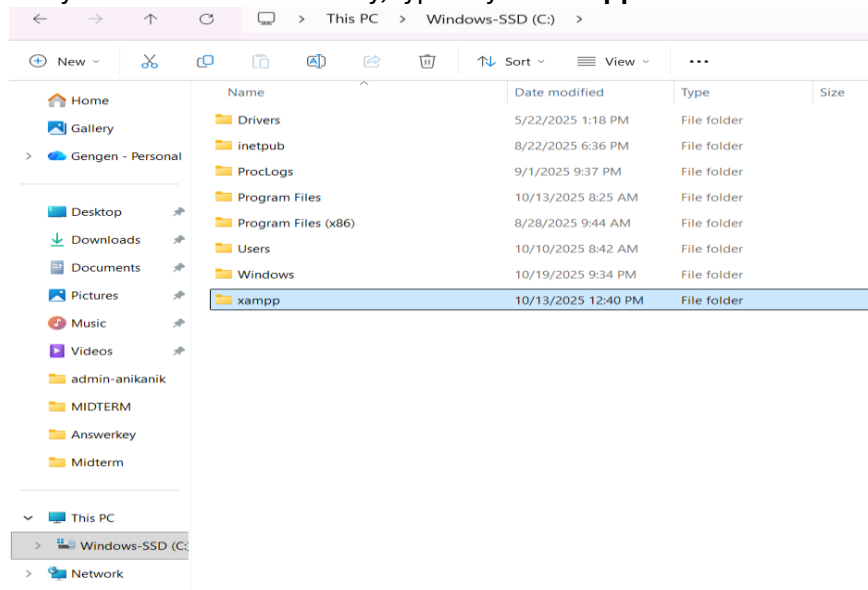
- **Find htdocs**. Open the htdocs folder. This is the root directory for all your web projects.
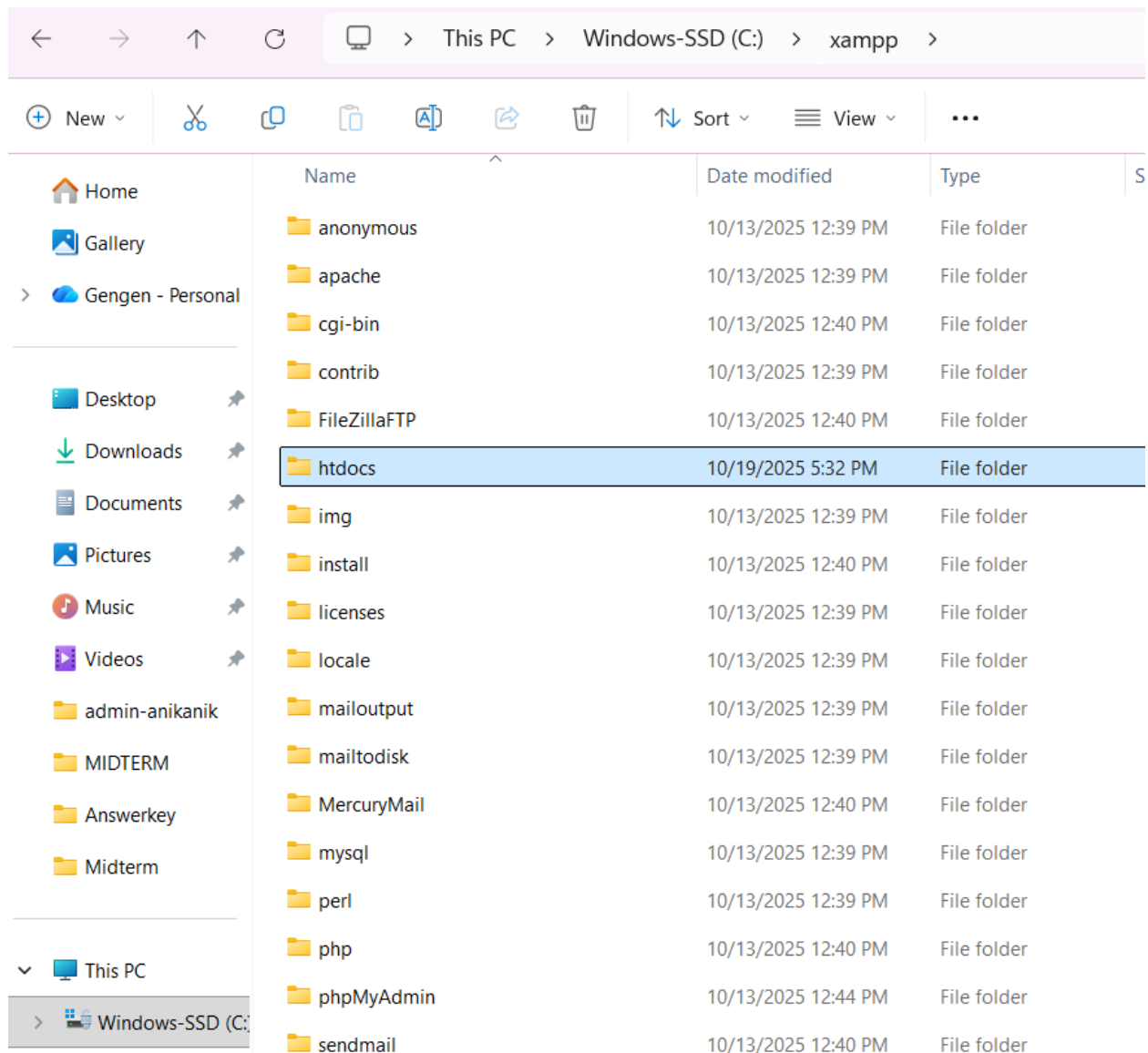
- **Create a project folder**. Create a new folder inside htdocs for your project (e.g., C:\xampp\htdocs\MyWebsite(any name you set)).
- **After creating the Filename inside htdocs, open your VS CODE app then**
- **Then locate this folder as show in the image below**
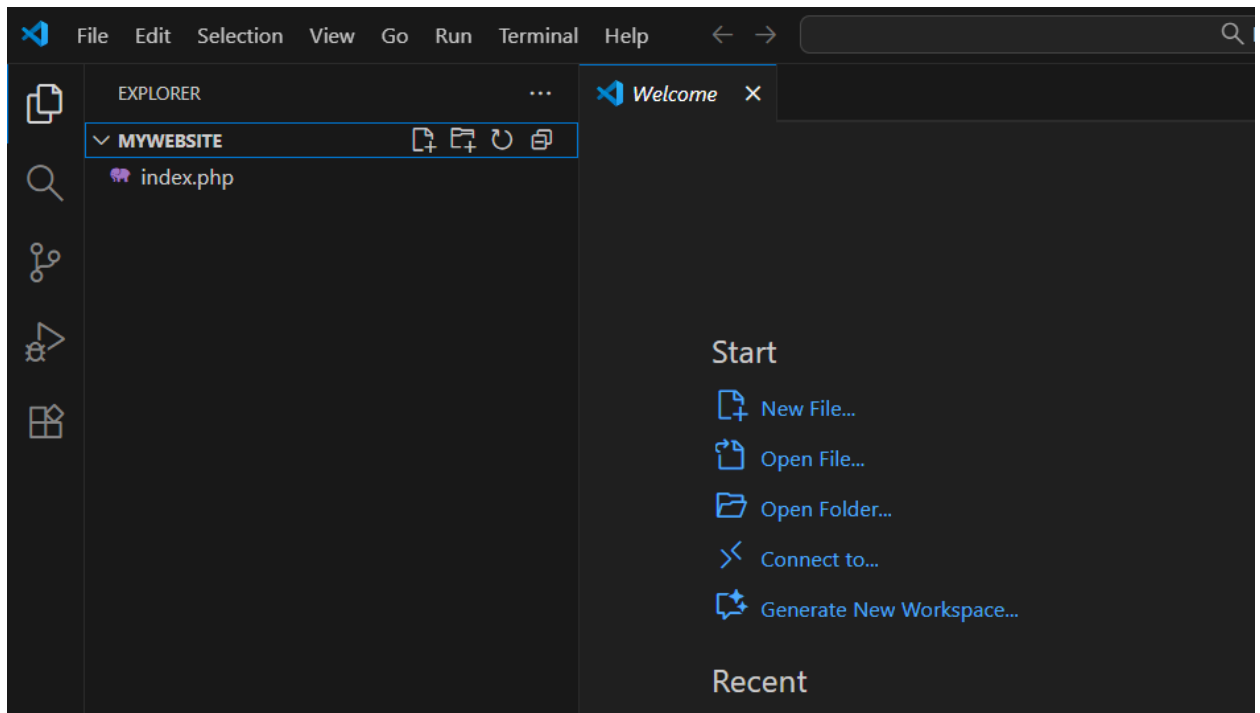
- **Save your projects**
  - o you need to save your files in the correct directory.
- Create at least one sample code using the following.
  - o Concatenate String

```php
<!DOCTYPE html>
<html>
<body>

<?php
$x = "Hi";
$y = "How are you";
$z = $x . $y;
echo $z;
?>

</body>
</html>
```

  - o Math Functions
  - o Loops
  - o Constants
  - o PHP Superglobals
  - o Sample Form Handling

```html
<!DOCTYPE HTML>
<html>
<body>

<form action="welcome.php" method="post">
Name: <input type="text" name="name"><br>
E-mail: <input type="text" name="email"><br>
<input type="submit">
</form>

</body>
</html>
```

Note: Don't forget to save your sample with PHP extension (e.g index.php)
- Display an output for each sample
  - **Access your project**. To view your website, go to your browser then type http://localhost/MyWebsite (or the name you set) . If you created a specific file, such as index.php, you would visit http://localhost/MyWebsite/index.php (or the filename you saved)

localhost/MyWebsite

Screenshots:

XAMPP Apache + MariaDB + PHP + Perl

Apache Friends

MENU

Welcome to XAMPP for Windows 8.2.12

You have successfully installed XAMPP on this system! Now you can start using Apache, MariaDB, PHP and other components. You can find more info in the FAQs section or check the HOW-TO Guides for getting started with PHP applications.

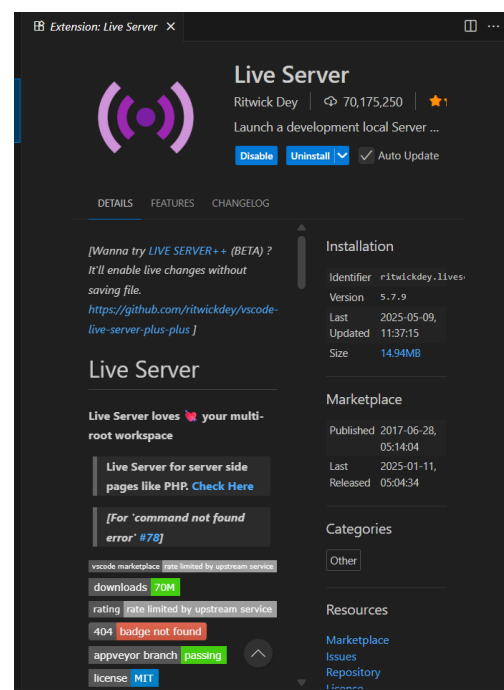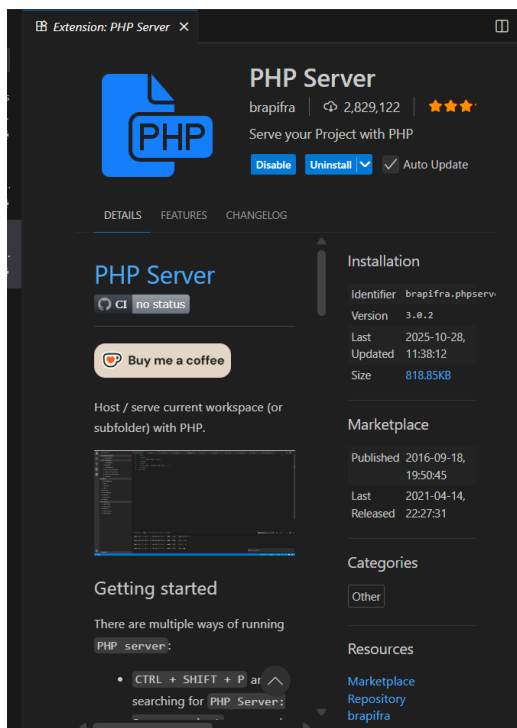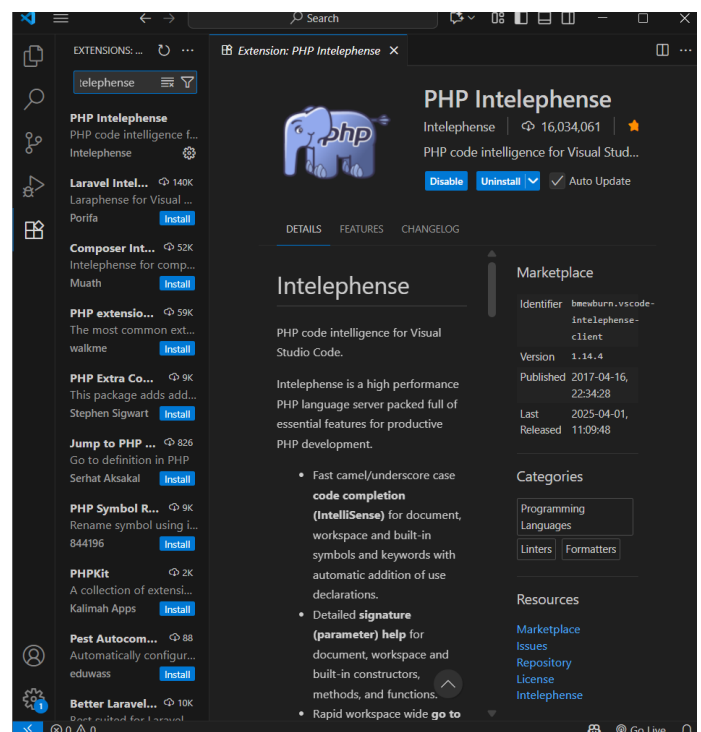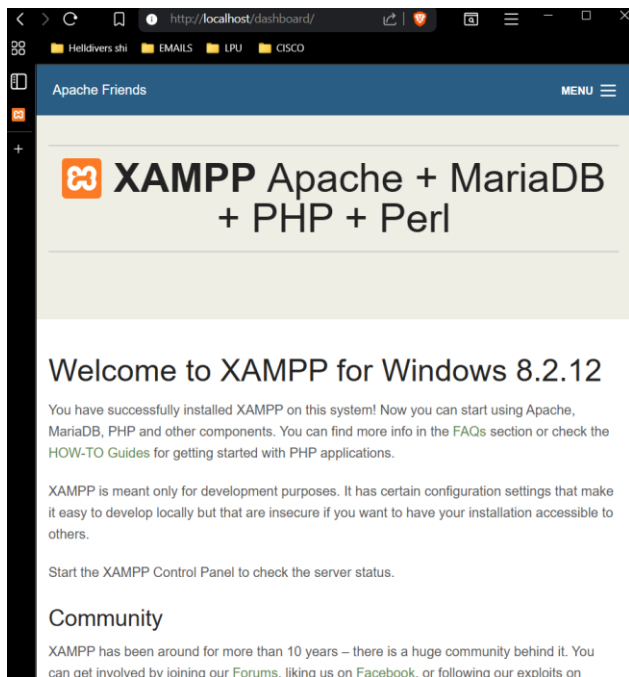XAMPP is meant only for development purposes. It has certain configuration settings that make it easy to develop locally but that are insecure if you want to have your installation accessible to others.

Start the XAMPP Control Panel to check the server status.

Community

XAMPP has been around for more than 10 years – there is a huge community behind it. You can get involved by joining our Forums, liking us on Facebook, or following our exploits on

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PHP Intelephense
Intelephense

PHP code intelligence for Visual Stud...

Disable | Uninstall | Auto Update

DETAILS FEATURES CHANGELOG

Intelephense

PHP code intelligence for Visual Studio Code.

Intelephense is a high performance PHP language server packed full of essential features for productive PHP development.

- Fast camel/underscore case code completion (IntelliSense) for document, workspace and built-in symbols and keywords with automatic addition of use declarations.
- Detailed signature (parameter) help for document, workspace and built-in constructors, methods, and functions.
- Rapid workspace wide go to

Marketplace

Identifier: bmewburn.vscode-intelephense-client
Version: 1.14.4
Published: 2017-04-16, 22:34:28
Last Released: 2025-04-01, 11:09:48

Categories

Programming Languages Linters Formatters

Resources

Marketplace
Issues
Repository
License
Intelephense

PHP Server
brapifra 2,829,122 ★★★
Serve your Project with PHP

Disable | Uninstall | Auto Update

DETAILS FEATURES CHANGELOG

PHP Server
CI no status

Buy me a coffee

Host / serve current workspace (or subfolder) with PHP.

Getting started

There are multiple ways of running PHP server:

- CTRL + SHIFT + P and searching for PHP Server:

Installation

Identifier: brapifra.phpserv...
Version: 3.0.2
Last Updated: 2025-10-28, 11:38:12
Size: 818.85KB

Marketplace

Published: 2016-09-18, 19:50:45
Last Released: 2021-04-14, 22:27:31

Categories

Other

Resources

Marketplace
Repository
brapifra

Live Server
Ritwick Dey 70,175,250 ★1
Launch a development local server ...

Disable | Uninstall | Auto Update

DETAILS FEATURES CHANGELOG

[Wanna try LIVE SERVER++ (BETA) ? It'll enable live changes without saving file. https://github.com/ritwickdey/vscode-live-server-plus-plus]

Live Server

Live Server loves 💖 your multi-root workspace

Live Server for server side pages like PHP. Check Here

[For 'command not found error' #78]

vscode marketplace rate limited by upstream service
downloads 70M
rating rate limited by upstream service
404 badge not found
appveyor branch passing
license MIT

Installation

Identifier: ritwickdey.lives...
Version: 5.7.9
Last Updated: 2025-05-09, 11:37:15
Size: 14.94MB

Marketplace

Published: 2017-06-28, 05:14:04
Last Released: 2025-01-11, 05:04:34

Categories

Other

Resources

Marketplace
Issues
Repository
License

Index of /MyWebsite

Name	Last modified	Size	Description
Parent Directory		-	
concat.php	2025-10-28 11:48	133	
constants.php	2025-10-28 11:54	220	
form.php	2025-10-28 11:58	598	
loops.php	2025-10-28 11:55	208	
math.php	2025-10-28 11:55	252	
superglobals.php	2025-10-28 12:01	405	

Apache/2.4.58 (Win64) OpenSSL/3.1.3 PHP/8.2.12 Server at localhost Port 80

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http://localhost/MyWebsite/concat.p...

My name is Valentino Rossi

Welcome to Lyceum of the Philippines University!
Established in the year 1952.

Enter Your Name:

Enter your name | Submit

Hello, Valentino!

For Loop:

Number: 1
Number: 2
Number: 3
Number: 4
Number: 5

While Loop:

Count: 1
Count: 2
Count: 3
Count: 4
Count: 5

Square root of 81 is: 9
Random number between 1 and 10: 2
Absolute value of -12.5 is: 12.5
The result of 5 to the power of 3 is: 125

Server Information

Server Name: localhost
Server Address: ::1
Software: Apache/2.4.58 (Win64) OpenSSL/3.1.3 PHP/8.2.12
Request Method: GET