

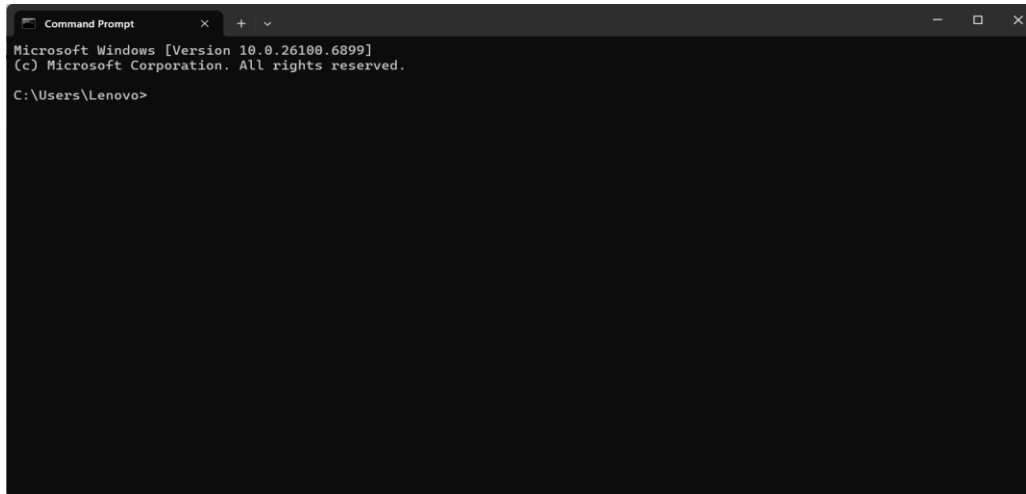
Laboratory Activity

Web Systems and Technology

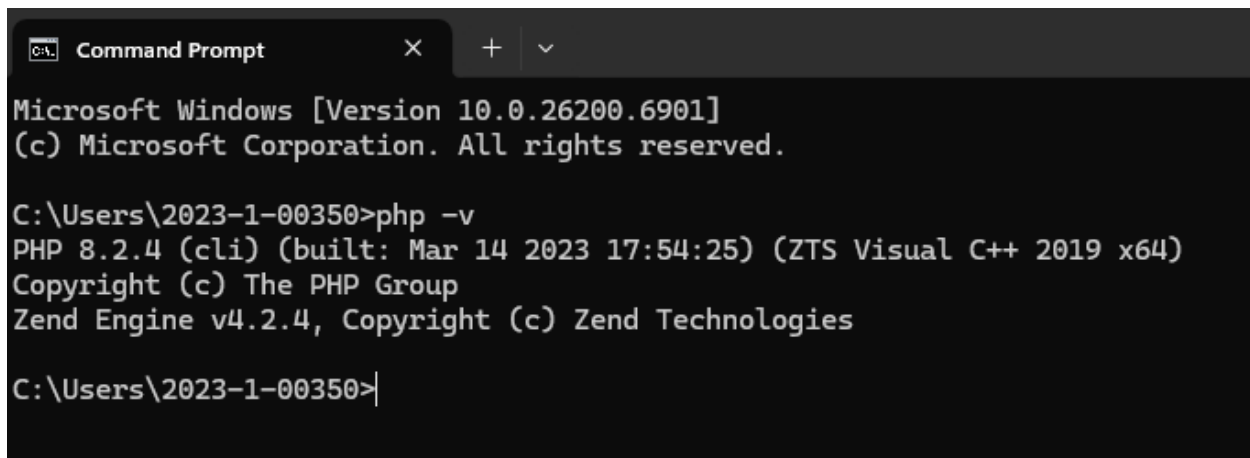
Midterm

Procedure:

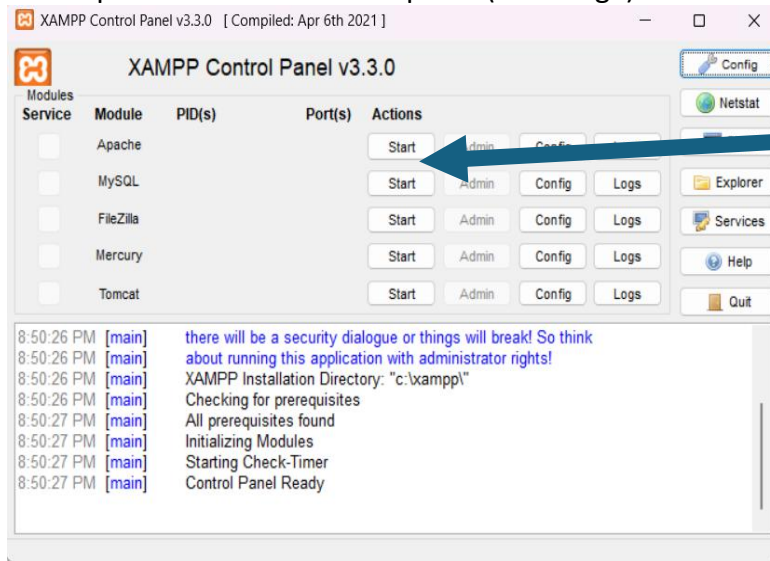
- Open your individual unit and check your current PHP version using the command prompt see sample image below : Write the command in the black provided



Answer:

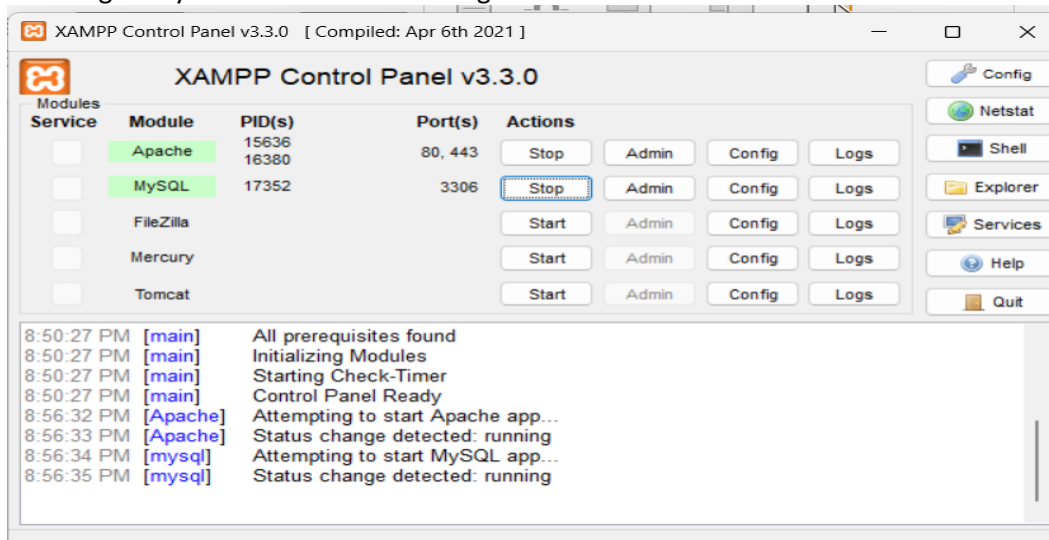


- Then open the XAMPP control panel (see image)



Make sure to click the Start button to open the Apache and MySQL

- Once it green your server is now running

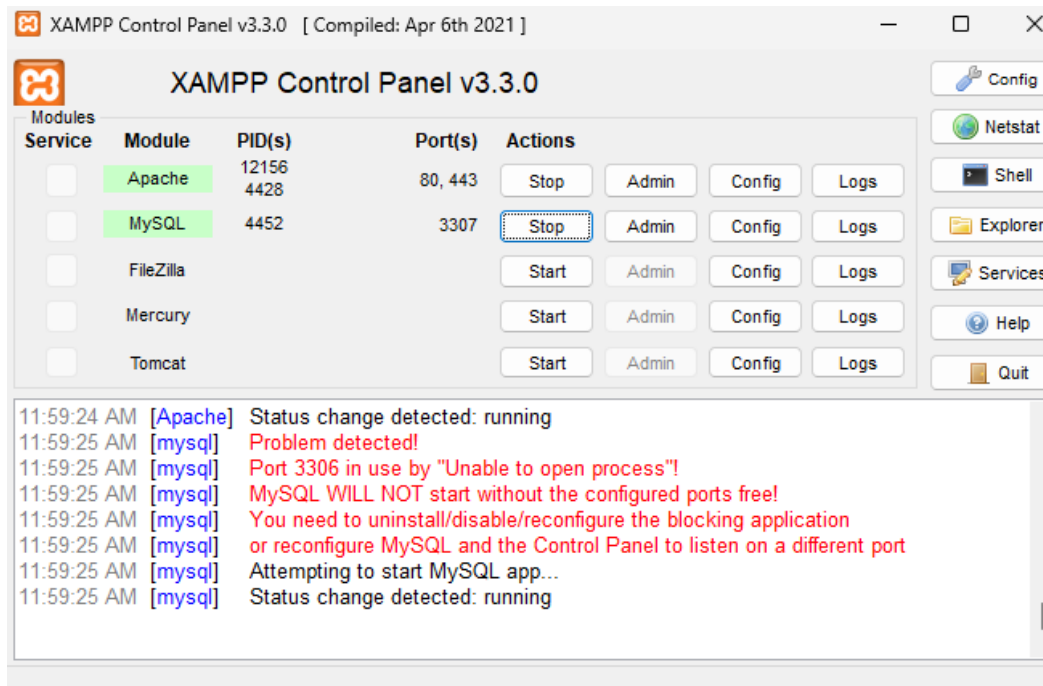


- Make sure to check the ports of Apache and MySQL as follows

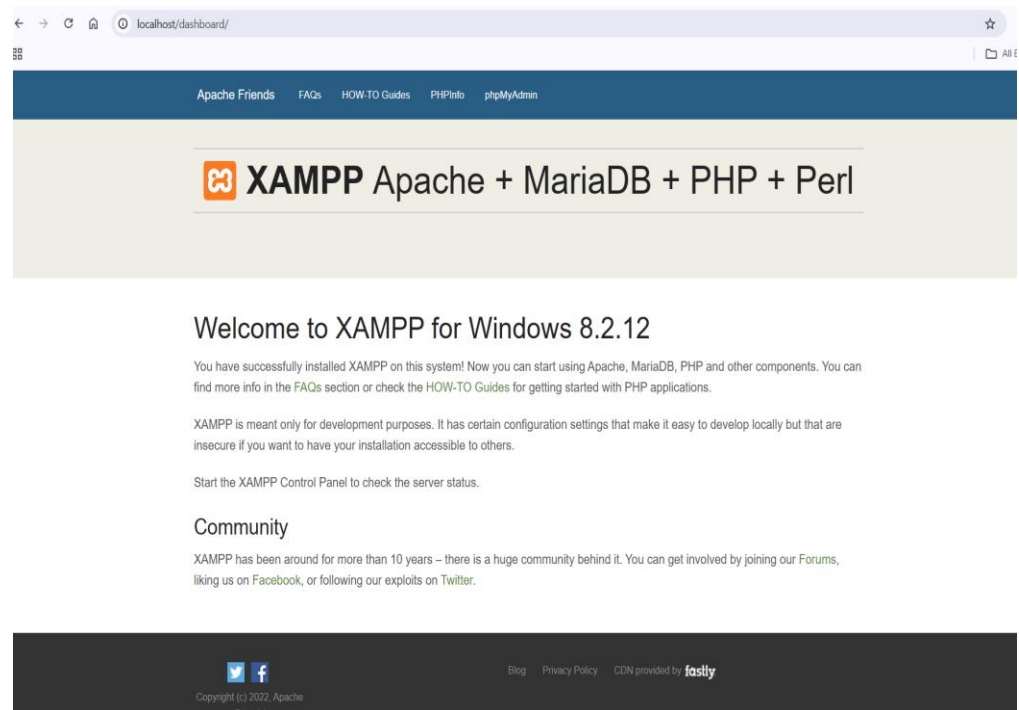
Module	PID(s)	Port(s)
Apache	26368 3028	80, 443
MySQL	25340	3306

- Your now ready to test your server
- Access the XAMPP dashboard in a browser

Answer:



- Open your preferred web browser and type `http://localhost` into the address bar and press **Enter**.
- If XAMPP is working correctly, you will see the XAMPP welcome page, which confirms the Apache web server is running.

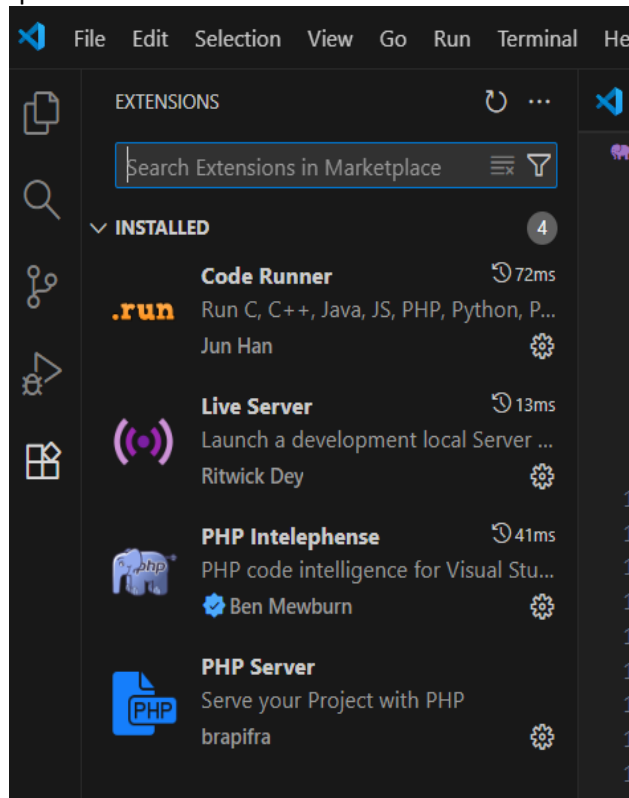


- Alternatively, you can type `http://127.0.0.1` to get the same result.


Answer:





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






Answer:




Live Server

Ritwick Dey |  69,985,107 |  (511)





Launch a development local Server with live reload feature for static & dynamic pages

[Disable](#)  [Uninstall](#)  ☒ Auto Update 




[DETAILS](#) [FEATURES](#) [CHANGELOG](#)




PHP Intelephense



Ben Mewburn  [intelephense.com](#) |  16,001,873 |  (398) |  Sponsor

PHP code intelligence for Visual Studio Code




[Disable](#)  [Uninstall](#)  ☒ Auto Update 



PHP Server

brapifra |  2,821,049 |  (33)

Serve your Project with PHP

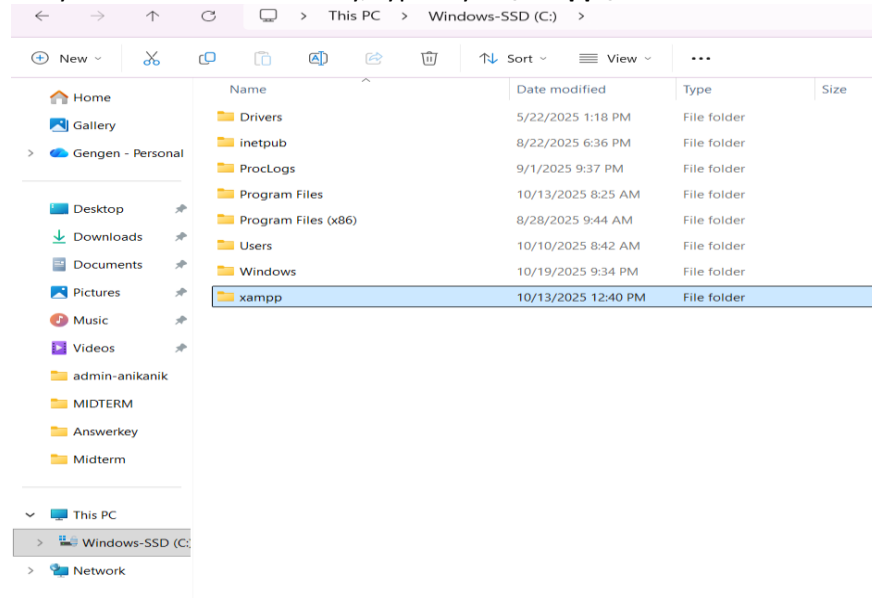
[Disable](#)  [Uninstall](#)  ☒ Auto Update 

[DETAILS](#) [FEATURES](#) [CHANGELOG](#)

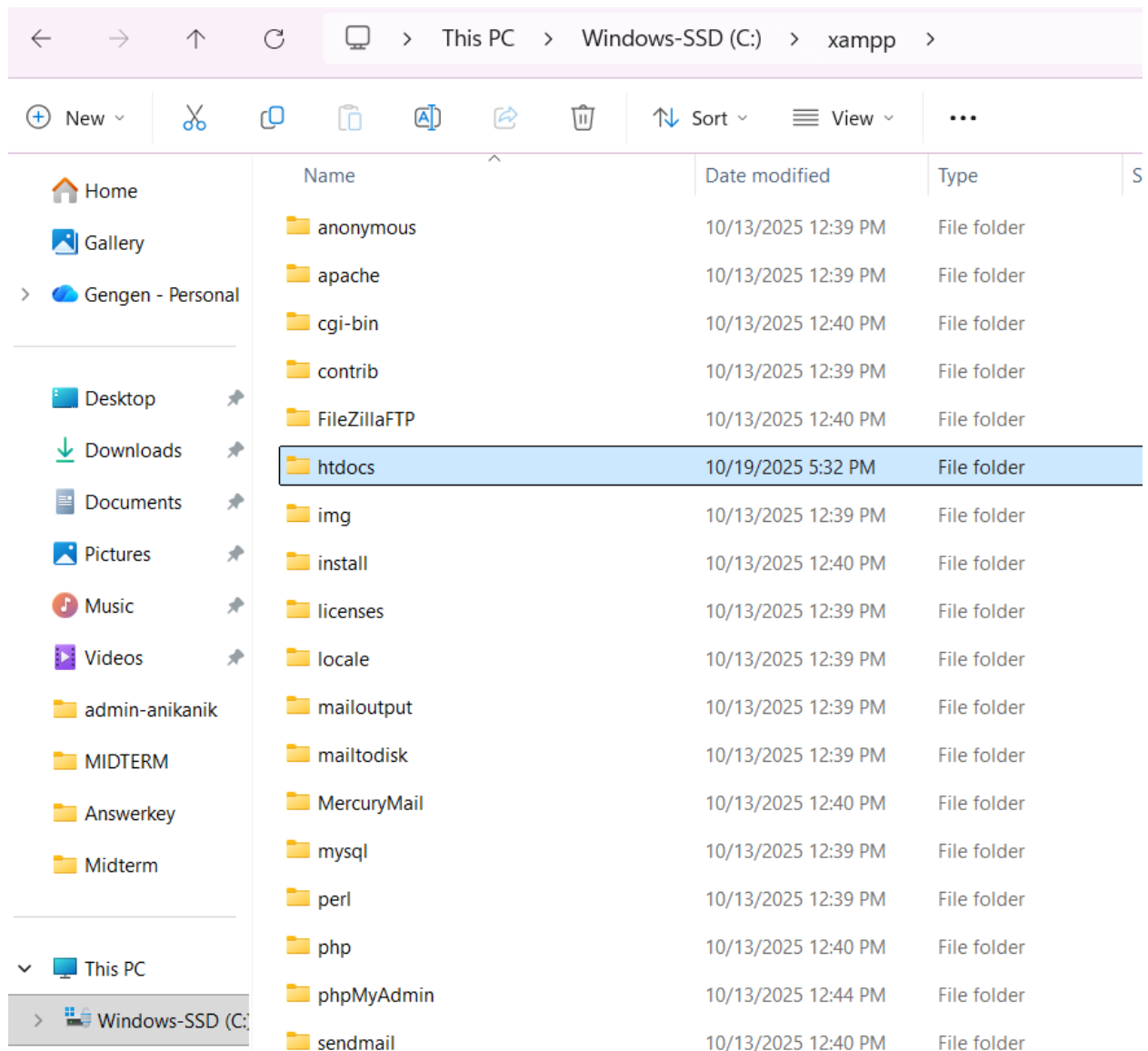
- Once installed start your first PHP code

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.

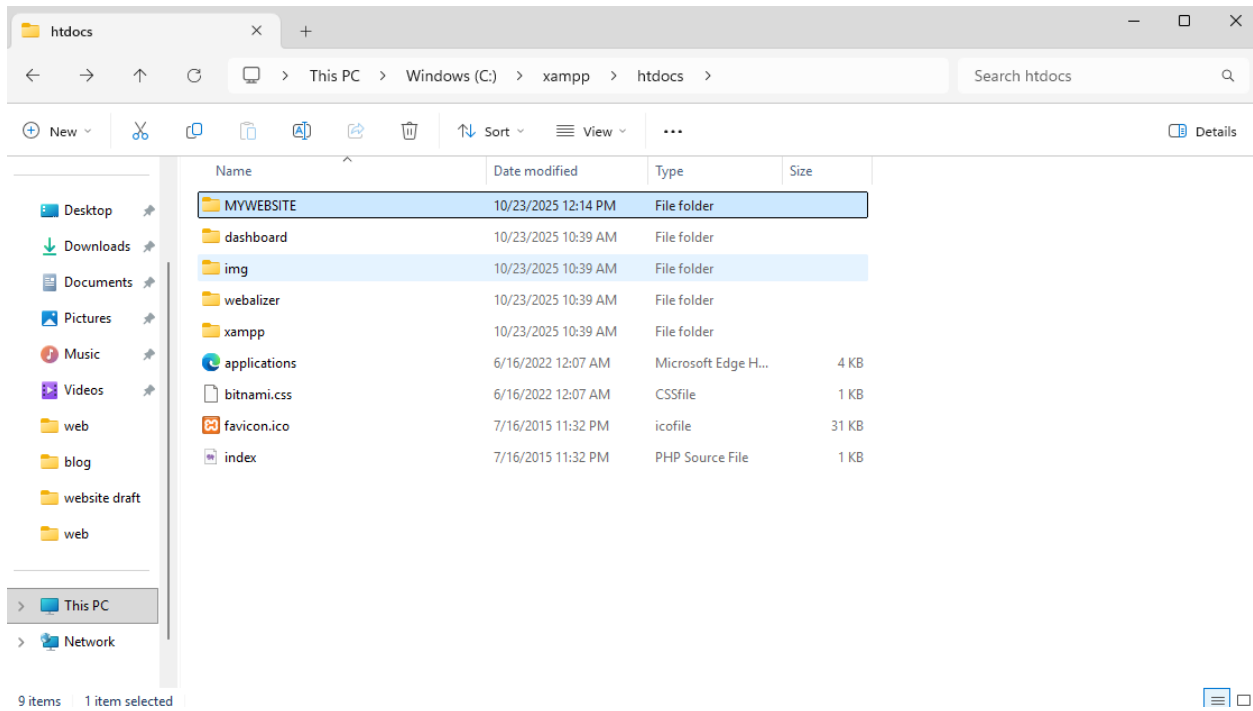


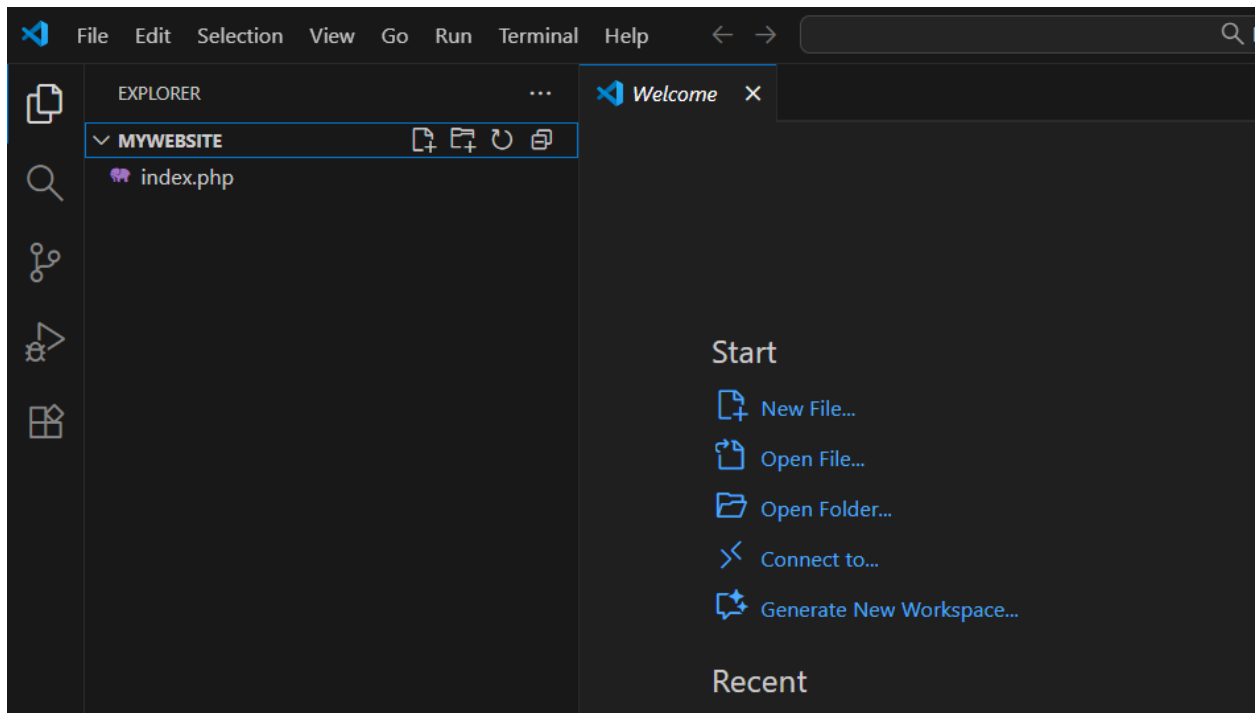
- **Find htdocs.** Open the htdocs folder. This is the root directory for all your web projects.



- **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**

Answer:





- **Save your projects**
 - you need to save your files in the correct directory.
- Create at least one sample code using the following.
 - Concatenate String

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

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

</body>
</html>
```

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

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

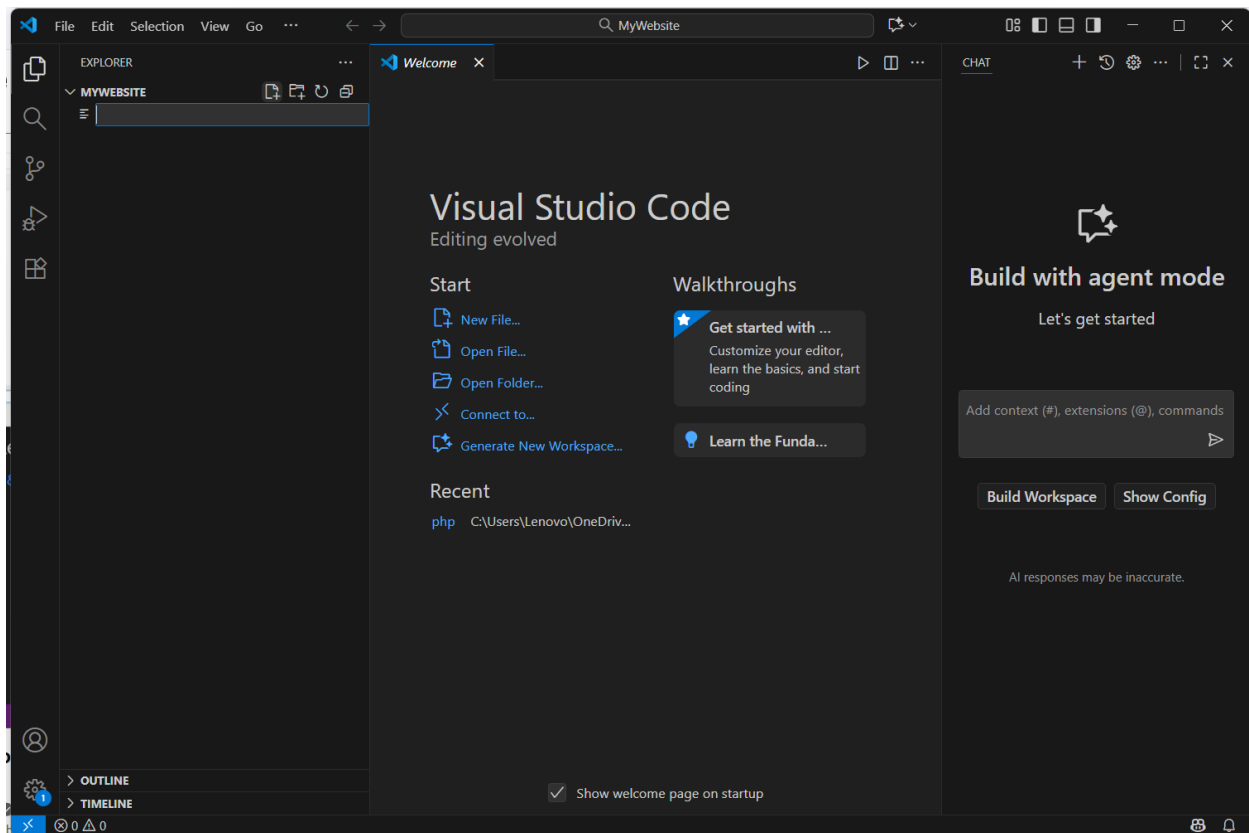
<form action="welcome.php" method="post">
Name: <input type="text" name="name"><br>
E-mail: <input type="text" name="email"><br>
<input type="submit">
</form>

</body>
</html>
```

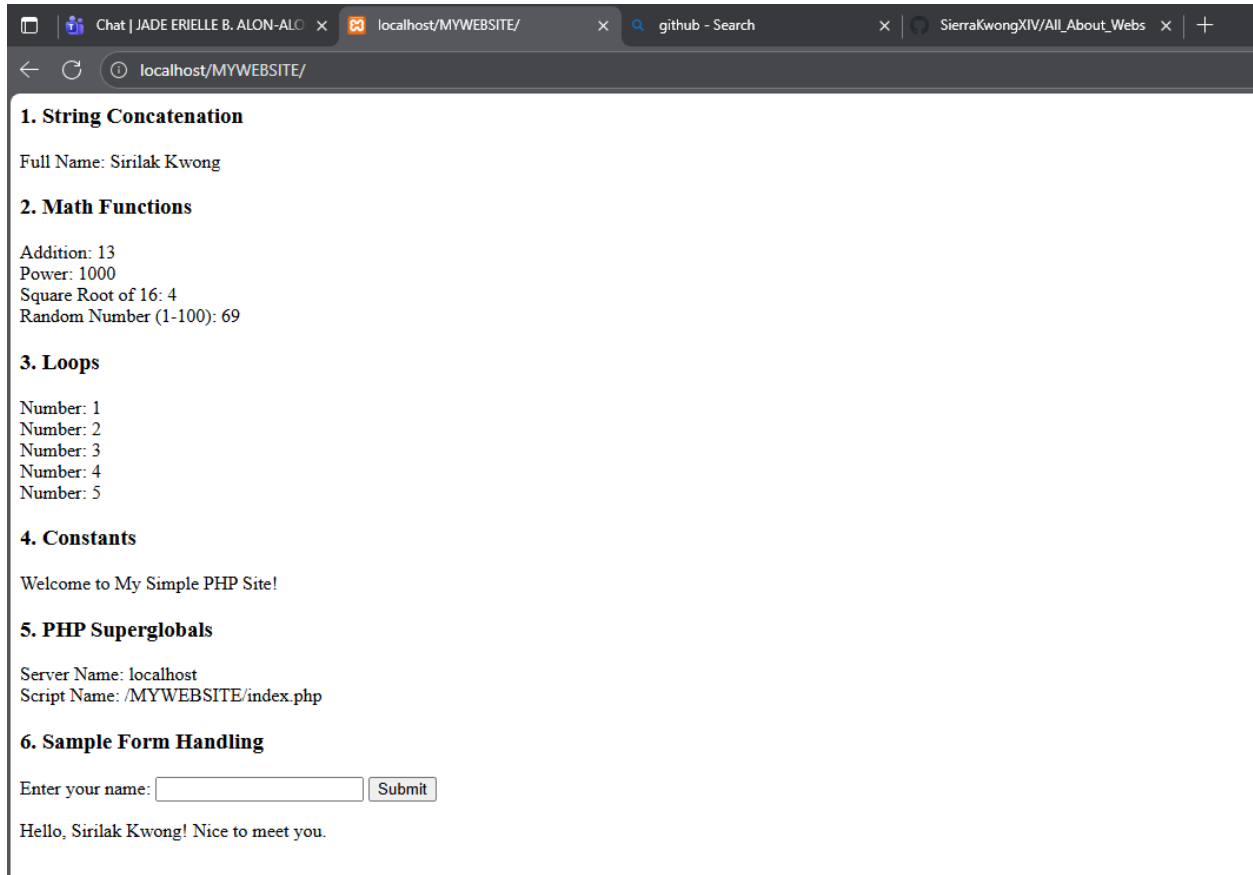
Note: Don't forget to save your sample with PHP extension (e.g index.php)

- 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)





Answer:



The screenshot shows a web browser window with the address bar displaying "localhost/MYWEBSITE/". The page content is as follows:

1. String Concatenation

Full Name: Sirilak Kwong

2. Math Functions

Addition: 13
Power: 1000
Square Root of 16: 4
Random Number (1-100): 69

3. Loops

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

4. Constants

Welcome to My Simple PHP Site!

5. PHP Superglobals

Server Name: localhost
Script Name: /MYWEBSITE/index.php

6. Sample Form Handling

Enter your name:

Hello, Sirilak Kwong! Nice to meet you.