

Laboratory Activity

Web Systems and Technology

Midterm

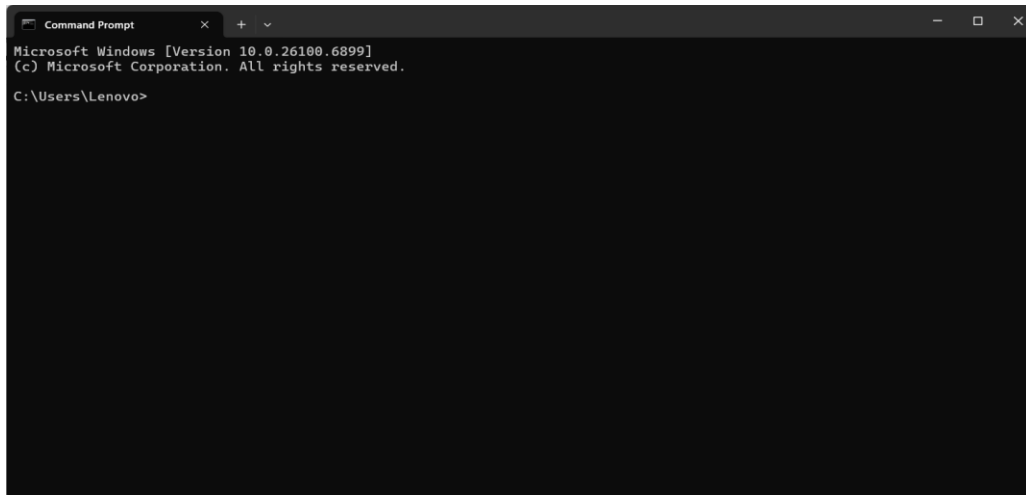
APOLINARIO, JANE BEATRICE R.

OCT 28, 2025

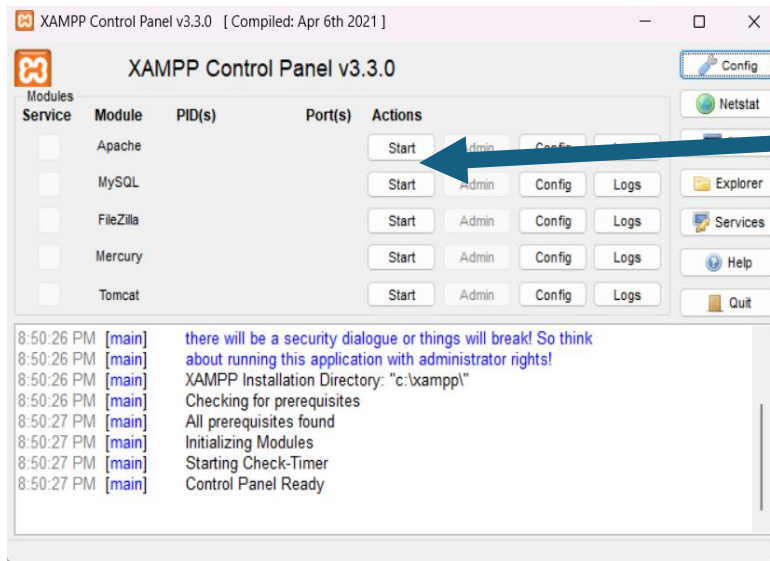
Procedure:

Note: Insert/paste all your screenshots/output inside this document. Then upload it to your github. This is a separate filename : Activity 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)

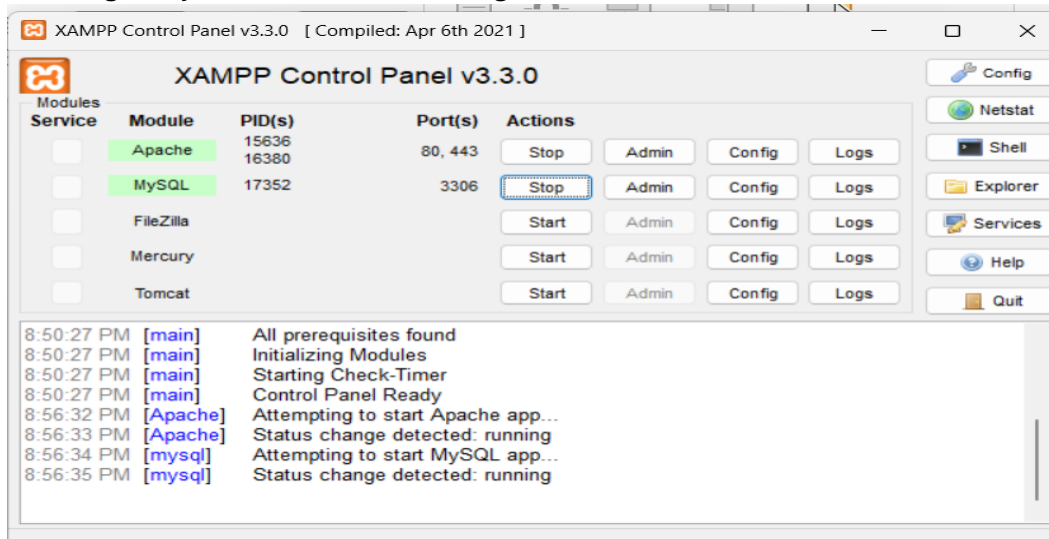


-
- Then open the XAMPP control panel (see image)



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

- Once it green your server is now running

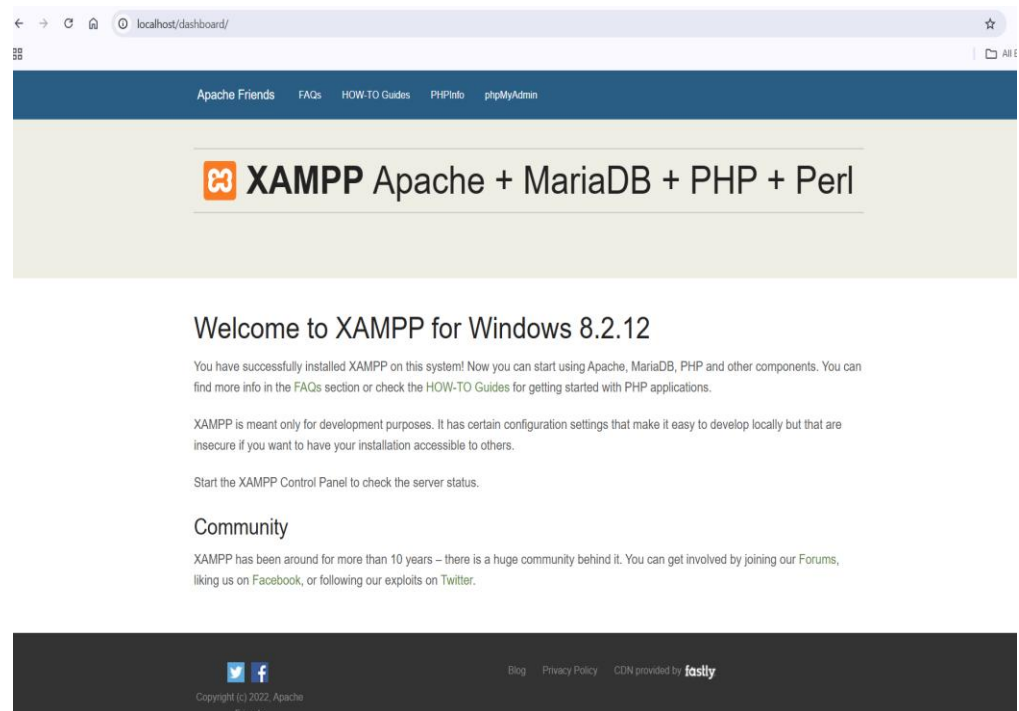


- Make sure to check the ports of Apache and MySQL as follows

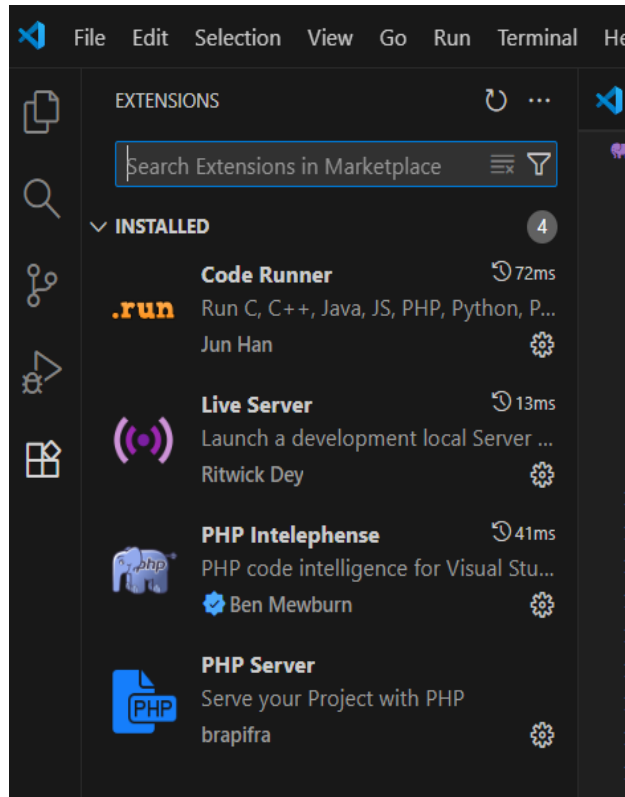
Module	PID(s)	Port(s)
Apache	26368 3028	80, 443
MySQL	25340	3306

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



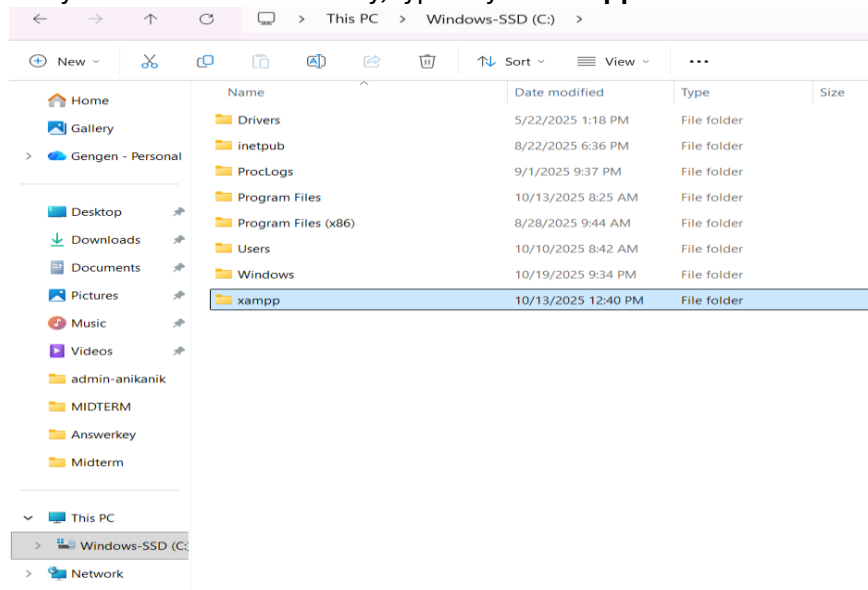
- Alternatively, you can type `http://127.0.0.1` to get the same result.
- Next, open your VS code app if the following Extension are available and properly installed
 - PHP server
 - Live server
 - PHP intelephense



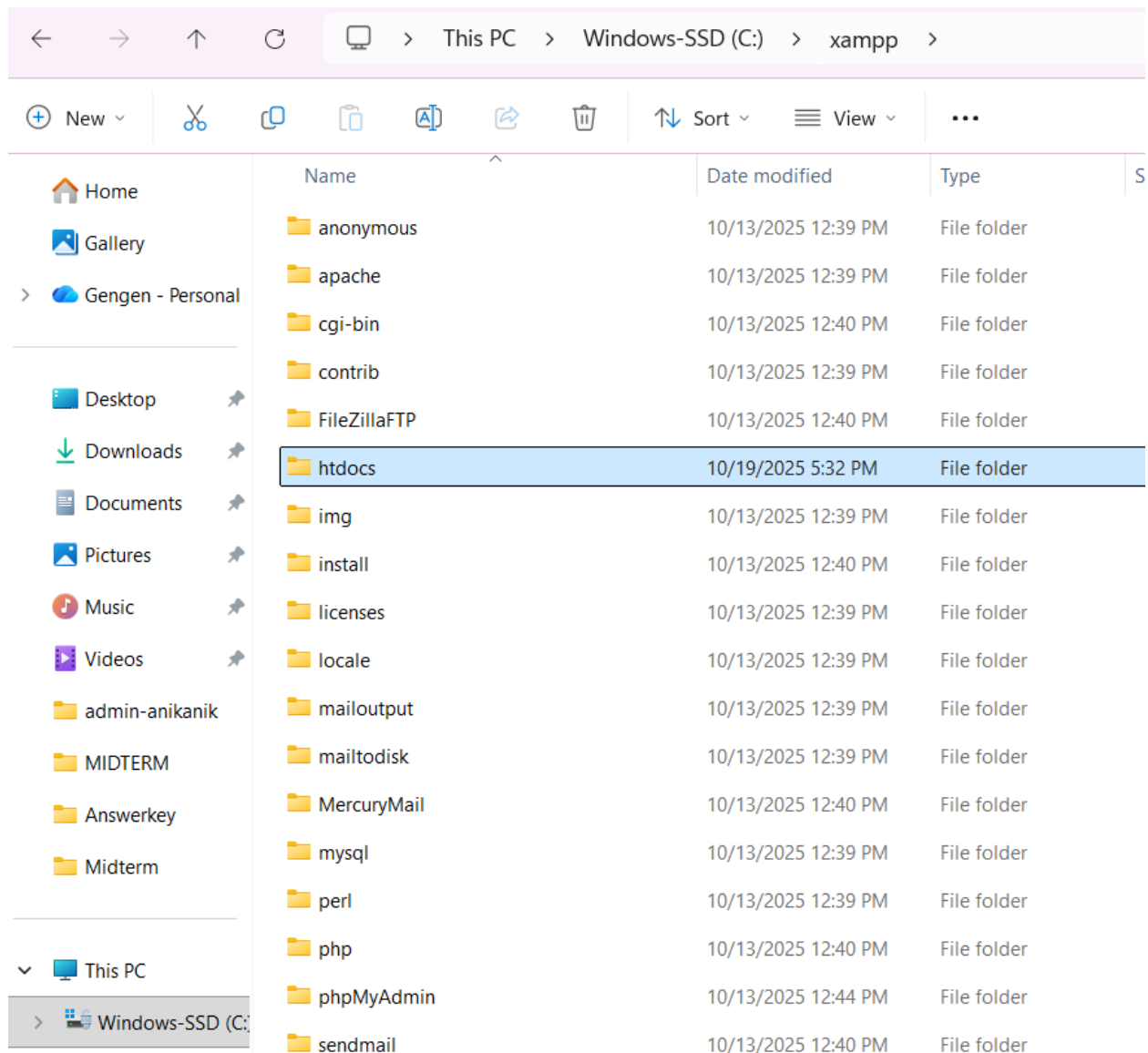
- Once installed start your first PHP code

First thing first create a folder inside your XAMPP

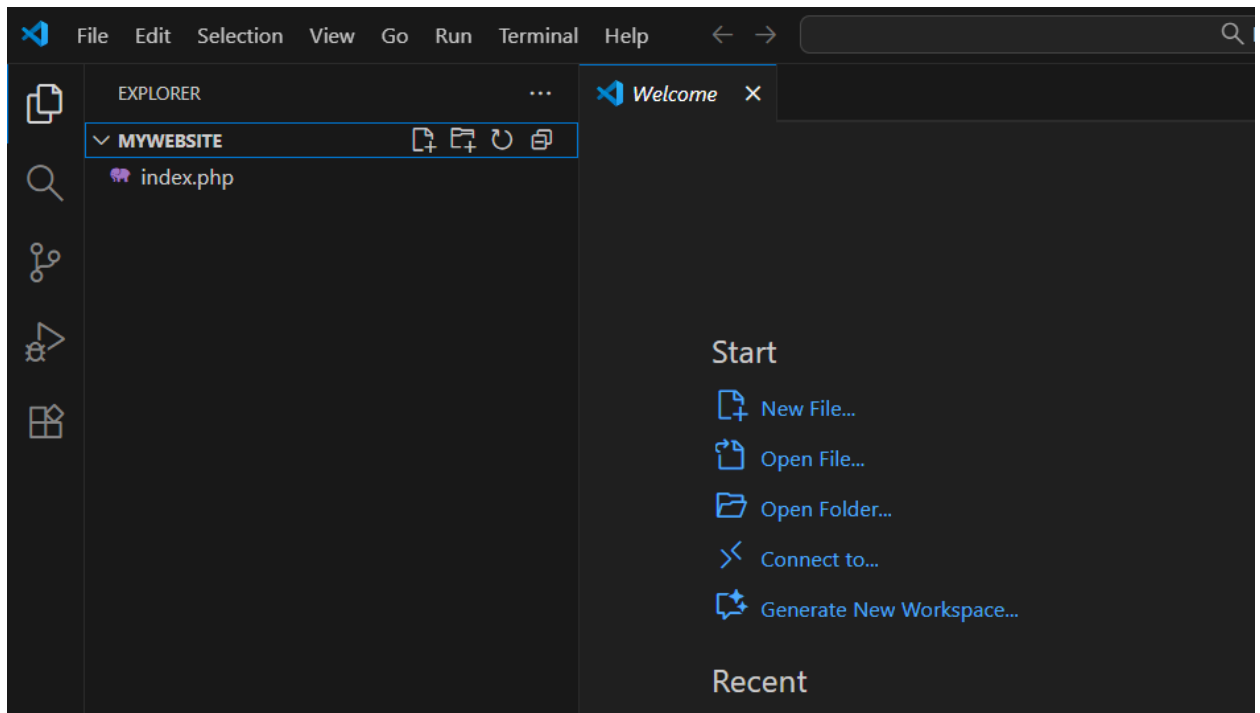
- **Locate your root folder.** Open the XAMPP Control Panel and click the **Explorer** button to navigate to your installation directory, typically **C:\xampp** on Windows.



- **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**
 - 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>

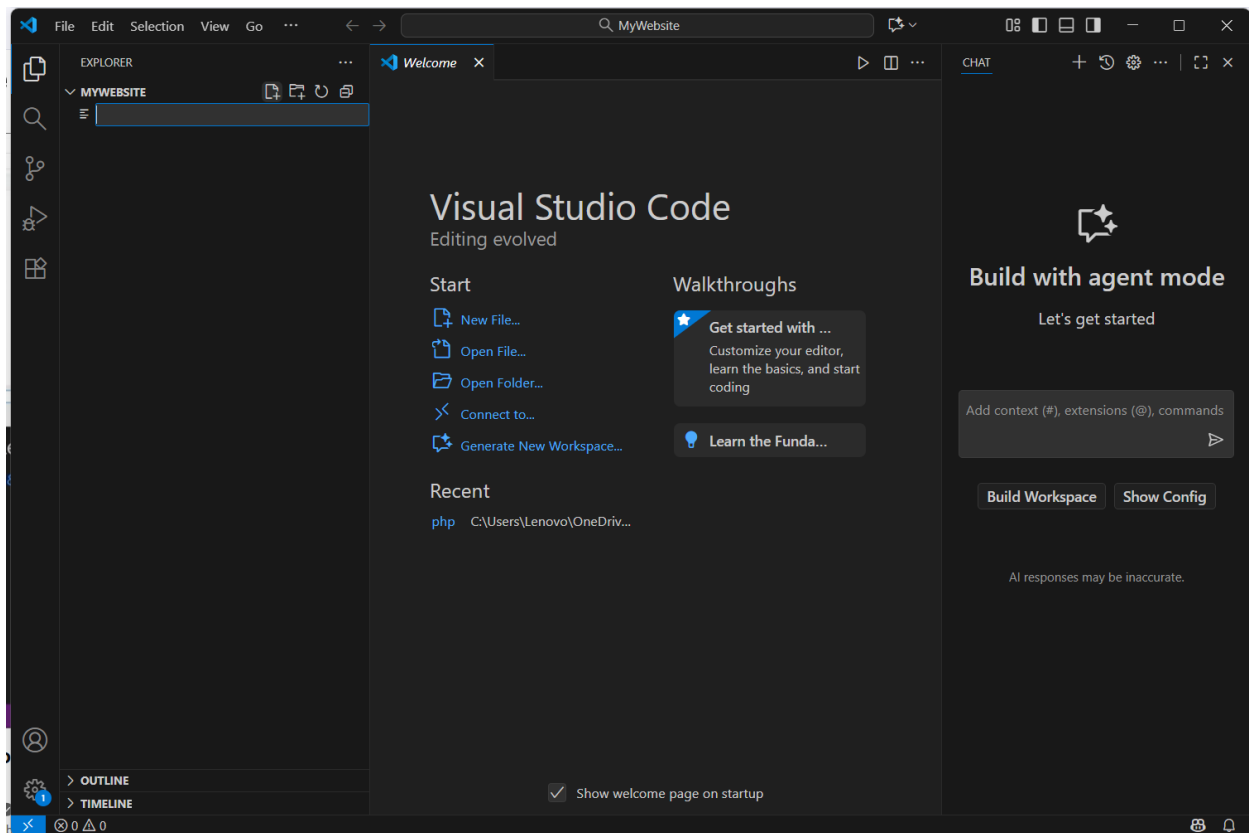
<form action="welcome.php" method="post">
Name: <input type="text" name="name"><br>
E-mail: <input type="text" name="email"><br>
<input type="submit">
</form>

</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)





SCREENSHOTS:

The image shows two overlapping windows from a Windows operating system. The top window is a Command Prompt titled 'Command Prompt' with standard window controls. It displays the output of the command 'php --version', showing 'PHP 8.4.13 (cli) (built: Sep 23 2025 14:36:54) (ZTS Visual C++ 2022 x64)' and 'Zend Engine v4.4.13, Copyright (c) Zend Technologies'. The bottom window is the 'XAMPP Control Panel v3.3.0' application. It features a title bar, a logo, and a 'Modules' section with a table of services. The table lists Apache, MySQL, FileZilla, Mercury, and Tomcat with their respective PIDs and ports. Each service has a checkbox and a set of action buttons (Stop, Admin, Config, Logs). The 'Stop' button for MySQL is highlighted with a blue dashed border. To the right of the table are buttons for 'Config', 'Netstat', 'Shell', 'Explorer', 'Services', 'Help', and 'Quit'. At the bottom of the panel is a log window showing a sequence of events from 11:36:39 AM to 11:36:48 AM, including messages about prerequisites, module initialization, and the successful starting of Apache and MySQL.

Command Prompt

```
Microsoft Windows [Version 10.0.26200.6584]
(c) Microsoft Corporation. All rights reserved.

C:\Users\bestg>php --version
PHP 8.4.13 (cli) (built: Sep 23 2025 14:36:54) (ZTS Visual C++ 2022 x64)
Copyright (c) The PHP Group
Zend Engine v4.4.13, Copyright (c) Zend Technologies

C:\Users\bestg>
```

XAMPP Control Panel v3.3.0 [Compiled: Apr 6th 2021]

XAMPP Control Panel v3.3.0

Modules

Service	Module	PID(s)	Port(s)	Actions
<input type="checkbox"/>	Apache	3724 11840	80, 443	Stop Admin Config Logs
<input type="checkbox"/>	MySQL	19500	3306	Stop Admin Config Logs
<input type="checkbox"/>	FileZilla			Start Admin Config Logs
<input type="checkbox"/>	Mercury			Start Admin Config Logs
<input type="checkbox"/>	Tomcat			Start Admin Config Logs


Config Netstat Shell Explorer Services Help Quit

11:36:39 AM [main] All prerequisites found
11:36:39 AM [main] Initializing Modules
11:36:39 AM [main] Starting Check-Timer
11:36:39 AM [main] Control Panel Ready
11:36:45 AM [Apache] Attempting to start Apache app...
11:36:46 AM [Apache] Status change detected: running
11:36:47 AM [mysql] Attempting to start MySQL app...
11:36:48 AM [mysql] Status change detected: running

Welcome to XAMPP

localhost/dashboard/

Apache FriendsFAQsHOW-TO GuidesPHPInfophpMyAdmin



XAMPP Apache + MariaDB + PHP + Perl

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 [Twitter](#).



[Blog](#) [Privacy Policy](#) [CDN provided by fastly](#)

Copyright (c) 2022 Apache










htdocs

This PC > Data Library (E:) > xampp > htdocs >

New

Sort

View

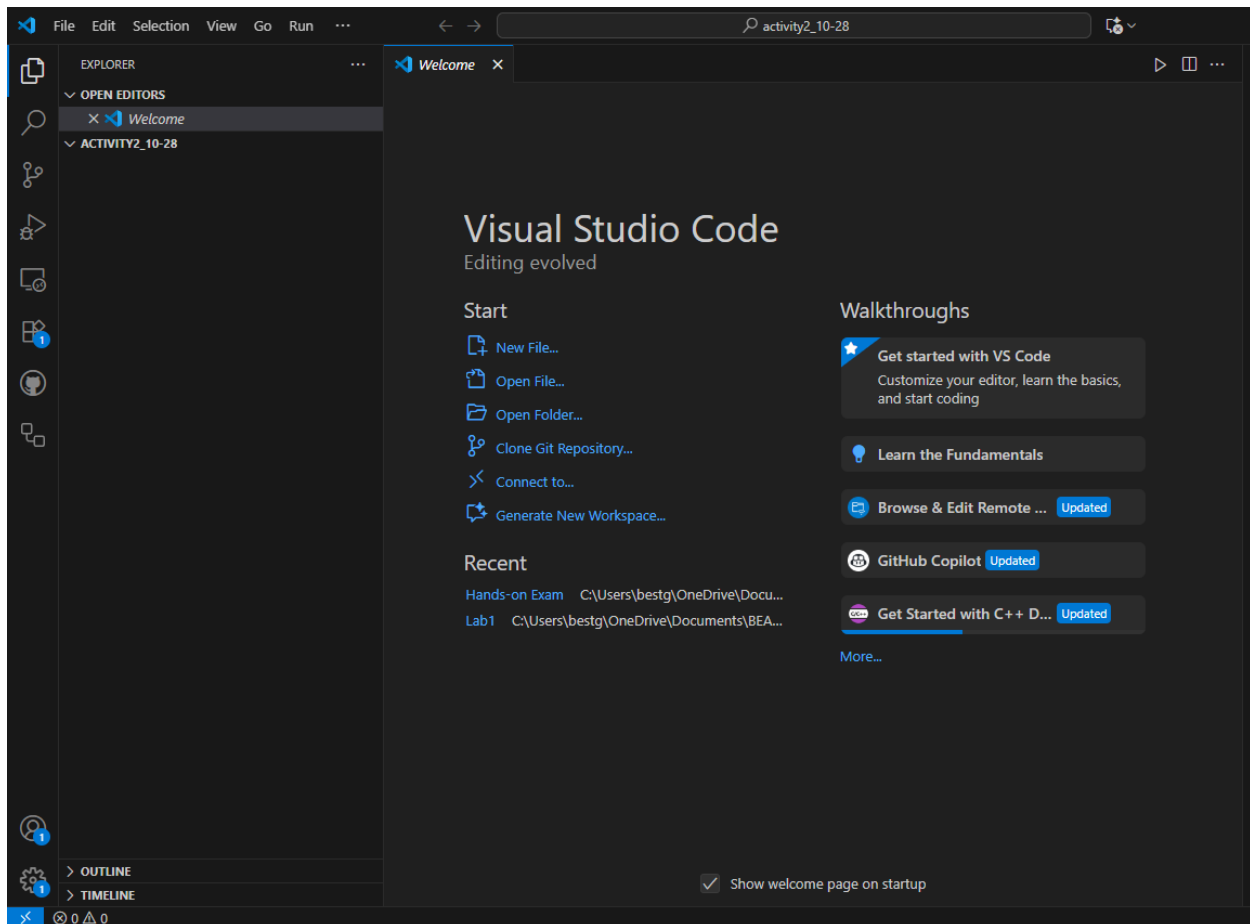
	Name	Date modified	Type	Size
	dashboard	10/28/2025 11:30 AM	File folder	
	img	10/28/2025 11:30 AM	File folder	
	webalizer	10/28/2025 11:30 AM	File folder	
	xampp	10/28/2025 11:30 AM	File folder	
	applications.html	6/16/2022 12:07 AM	Microsoft Edge H...	4 KB
	bitnami.css	6/16/2022 12:07 AM	CSS Source File	1 KB
	favicon.ico	7/16/2015 11:32 PM	ICO File	31 KB
	index.php	7/16/2015 11:32 PM	PHP Source File	1 KB
	activity2_10-28	10/28/2025 11:43 AM	File folder	

This PC

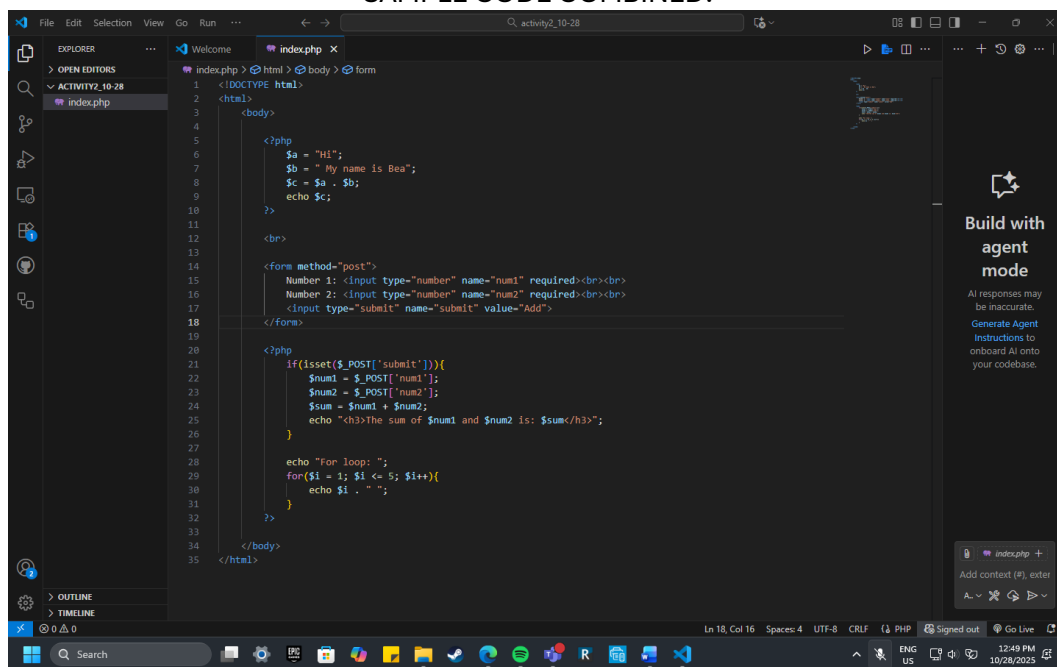
BEA'S STUFF (I:)

Network

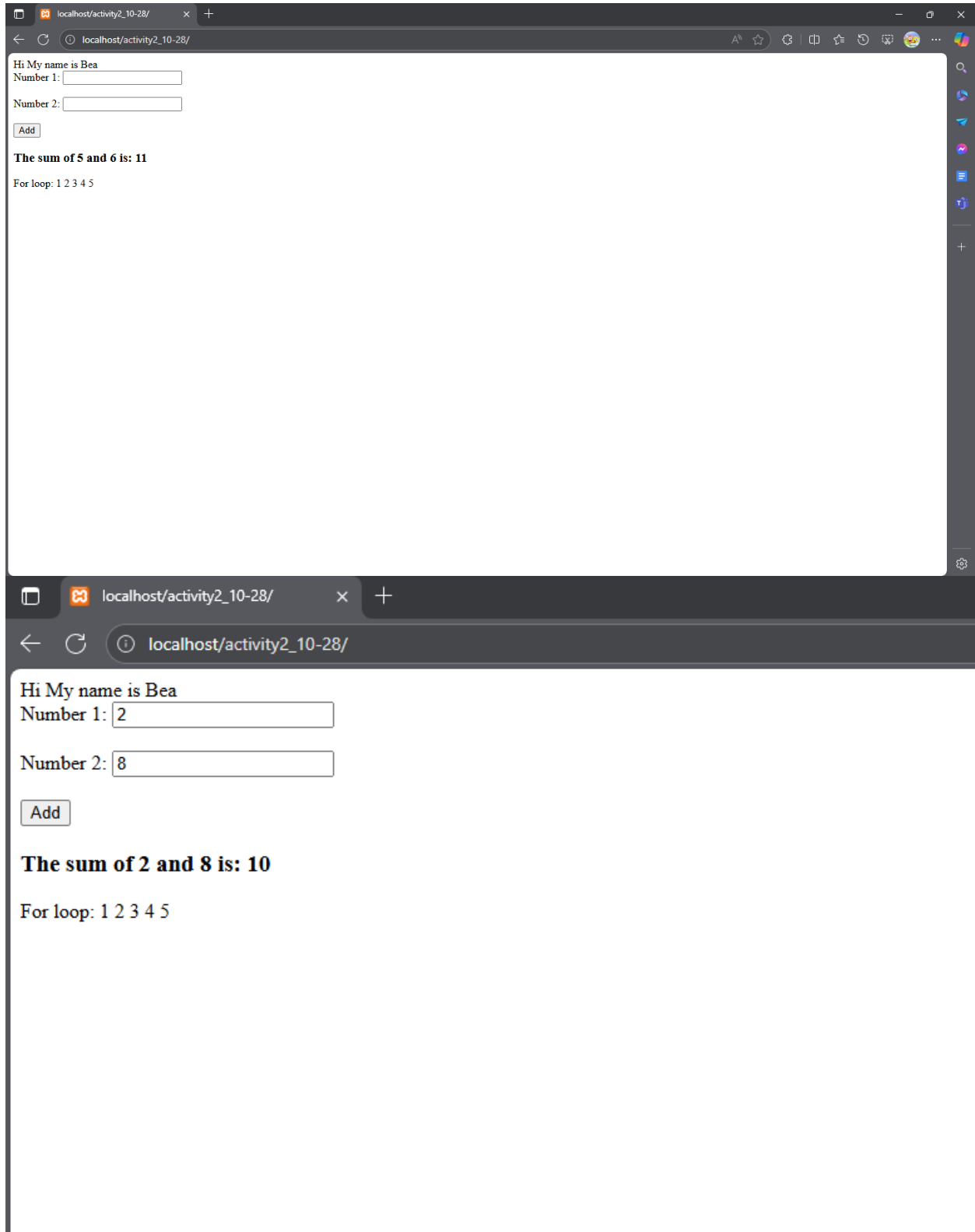
9 items | 1 item selected |



SAMPLE CODE COMBINED:



OUTPUT:



localhost/activity2_10-28/

Hi My name is Bea

Number 1:

Number 2:

Add

The sum of 5 and 6 is: 11

For loop: 1 2 3 4 5

localhost/activity2_10-28/

Hi My name is Bea

Number 1:

Number 2:

Add

The sum of 2 and 8 is: 10

For loop: 1 2 3 4 5