

## Laboratory Activity

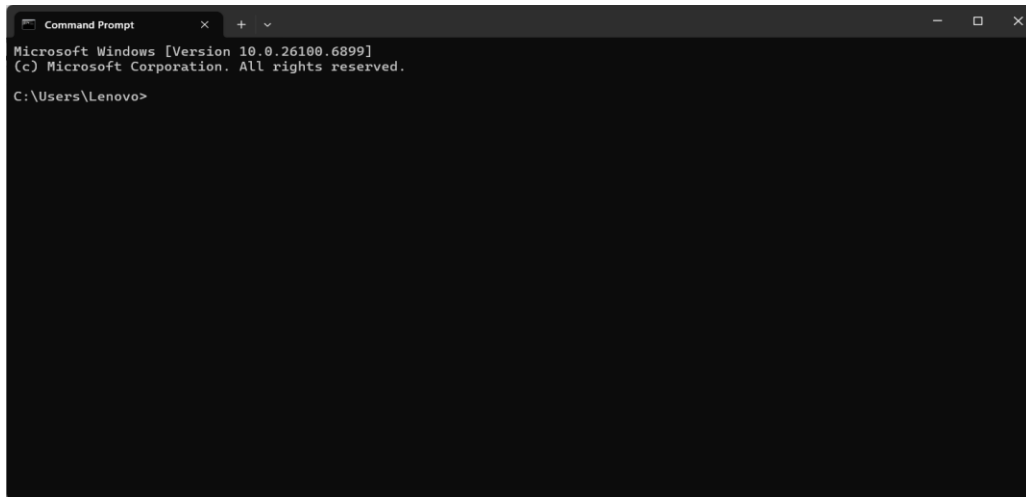
### Web Systems and Technology

### Midterm

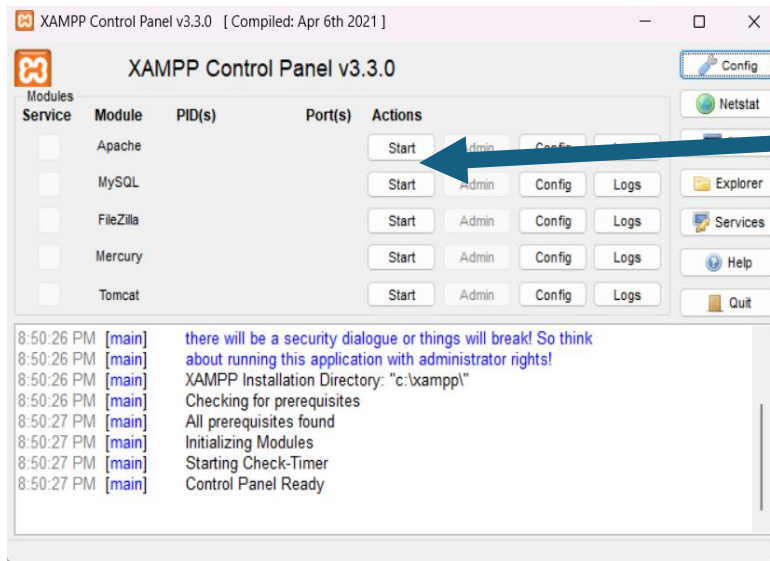
Procedure:

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

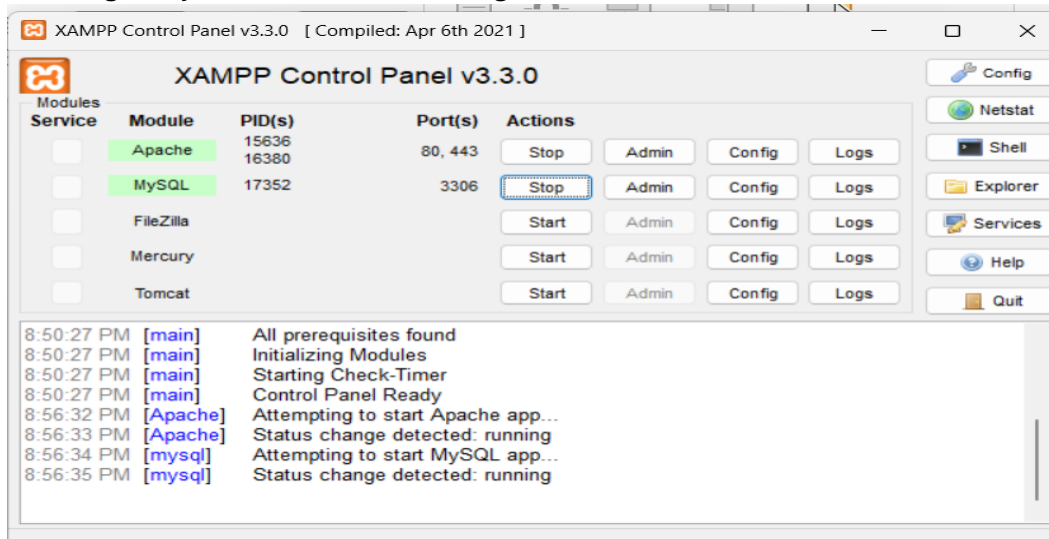


- 
- Then open the XAMPP control panel (see image)



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

- Once it green your server is now running

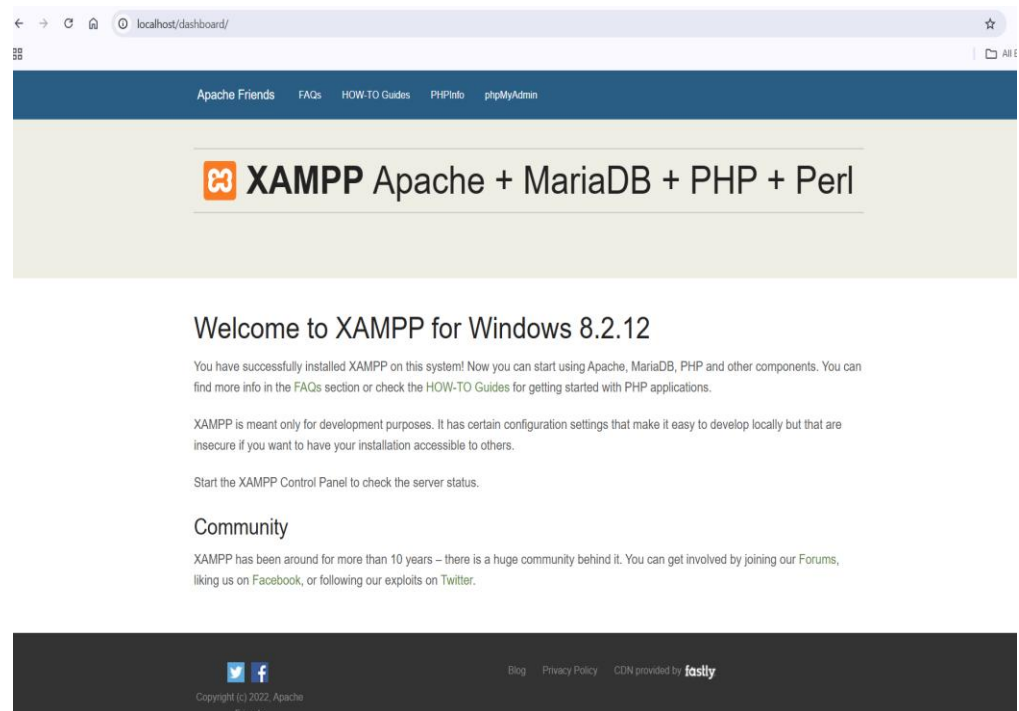


- Make sure to check the ports of Apache and MySQL as follows

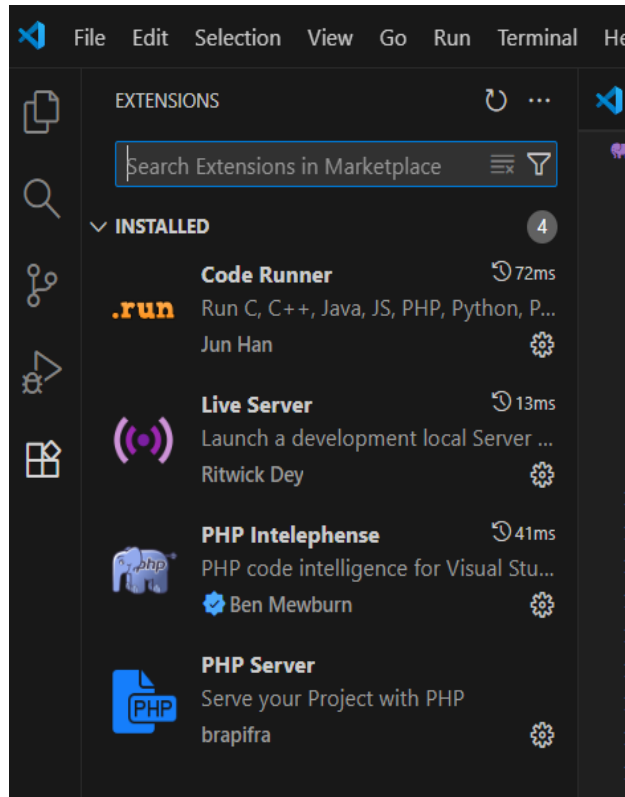
Module	PID(s)	Port(s)
Apache	26368 3028	80, 443
MySQL	25340	3306

- 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.



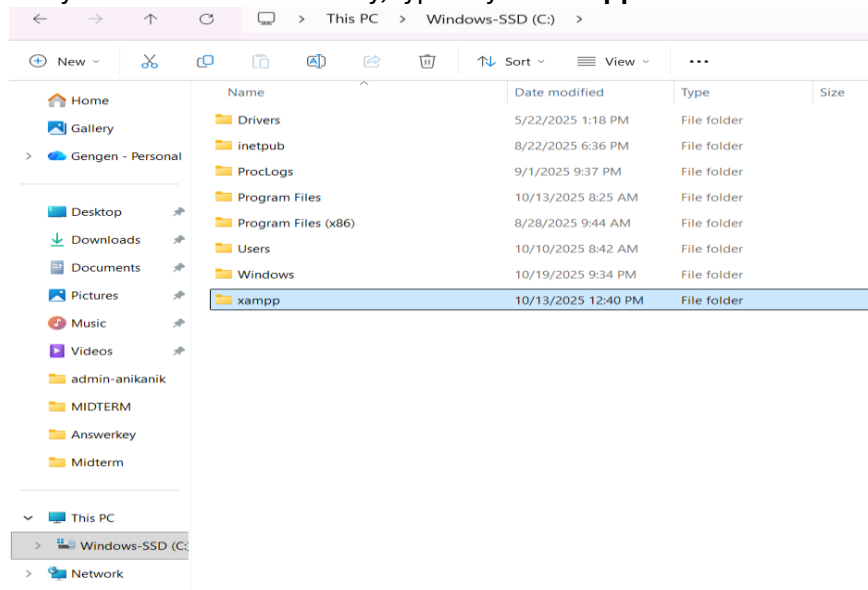
- Alternatively, you can type `http://127.0.0.1` to get the same result.
- Next, open your VS code app if the following Extension are available and properly installed
  - PHP server
  - Live server
  - PHP intelephense



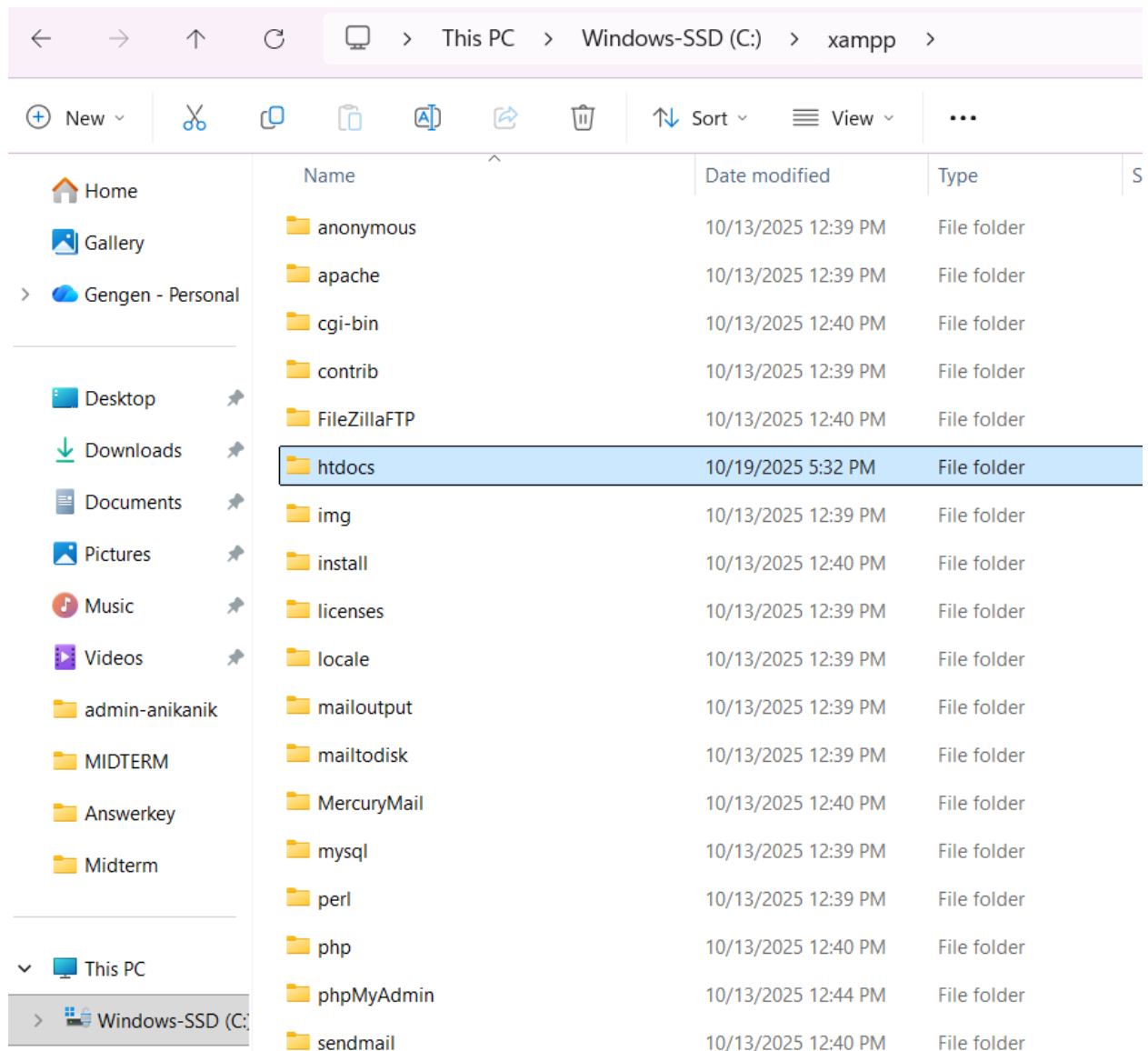
- Once installed start your first PHP code

### First thing first create a folder inside your XAMPP

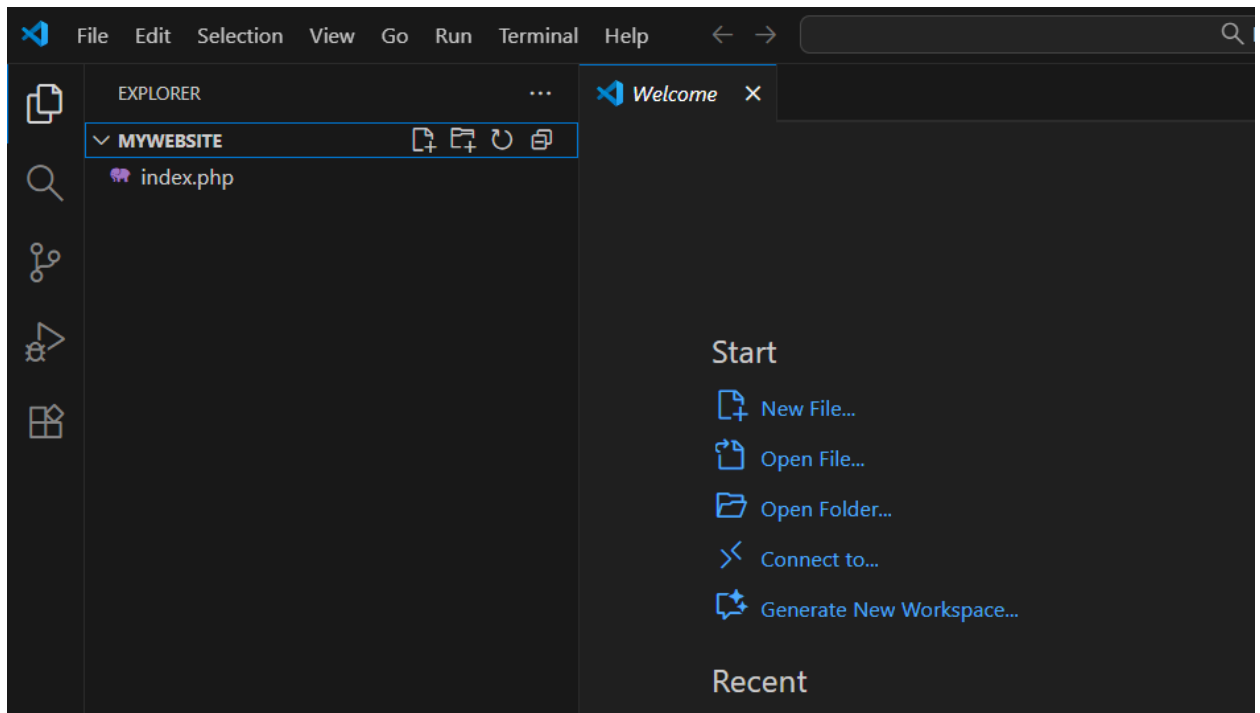
- **Locate your root folder.** Open the XAMPP Control Panel and click the **Explorer** button to navigate to your installation directory, typically **C:\xampp\** on Windows.



- **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

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```
<!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)



## Output:

Math Functions: MDASResult: 18

## Code:

```
1  <!DOCTYPE html>
2  <html>
3      <body>
4
5      <?php
6          $a = 10;
7          $b = 5;
8          $c = 2;
9
10         echo "Math Functions: MDAS";
11         $result = $a + $b * $c - ($a / $b);
12
13         echo "Result: " . $result;
14     ?>
15
16     </body>
17 </html>
18
```



