


# Introduction to CLI Programming

Chapter 1: basic HTML backend

# What is CLI?

- CLI is an acronym for Command-line interface. Which is the first Interface used in the computer. Hence programming language is produced to automate these tasks.



```
Command Prompt
C:\Users\Luco>

Select luco@DESKTOP-6U8BL7U: /mnt/c/Users/Luco
luco@DESKTOP-6U8BL7U: /mnt/c/Users/Luco$
```

# What is the difference between HTML and PHP

- HTML if you recall is a markup that dictates how the webpage should be rendered.
- PHP on the other hand is a programming language that includes data gathered in your HTML forms or other sources such as DATABASES.

# First Look at PHP

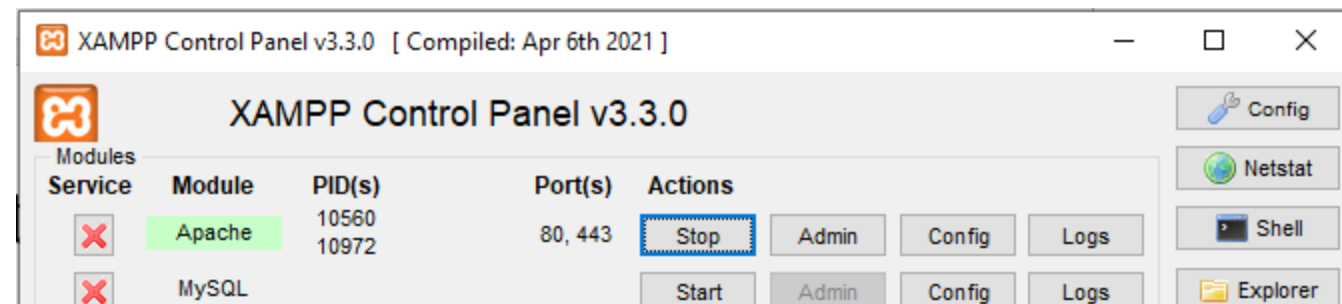
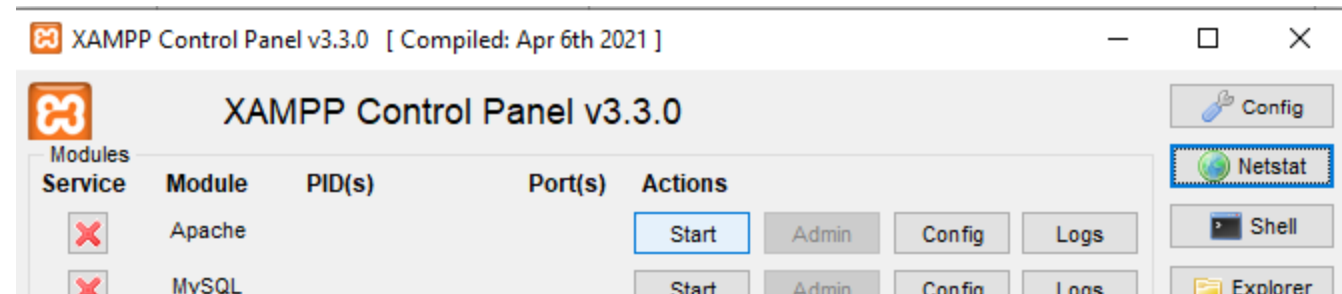
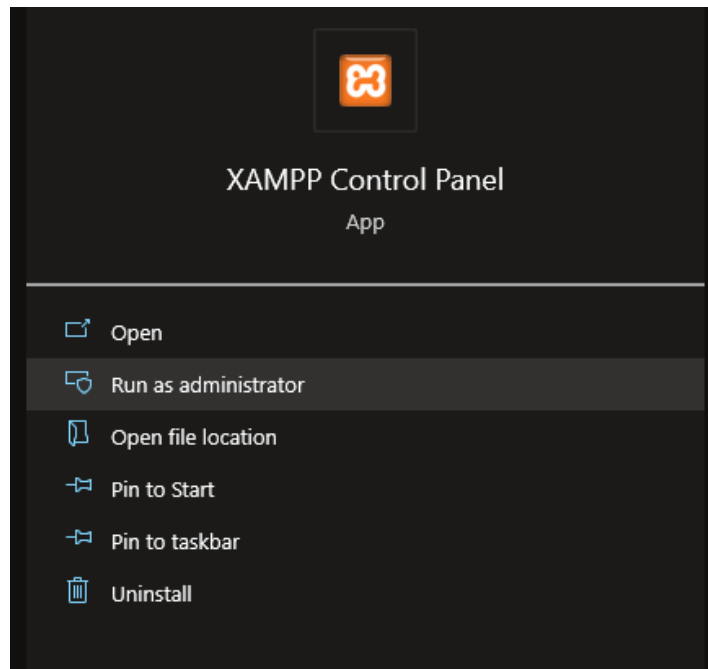
- PHP is a straightforward programming language that allows the webpage to do kinds of stuff that vanilla JavaScript can't.
- Such as...
  - ... interacting with the file system
  - ... creating files
  - ... crosschecking database
- Which is crucial for today's standard to be able to compete to other sources.

# This Learning Material Requires You

- To have the following.
  1. XAMPP app/server.
  2. BASIC knowledge in HTML.
  3. Windows or Linux Computer.
  4. Text Editor
  5. Command-line Interface.

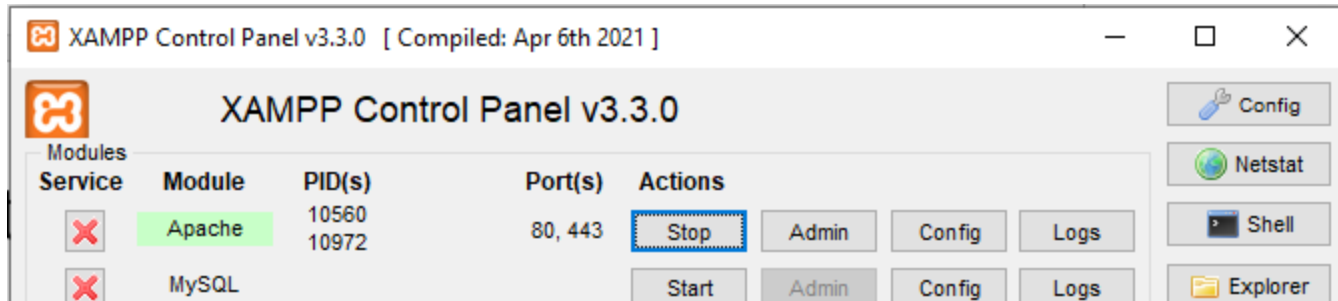
# Step 1: Enable XAMPP server.

- If XAMPP is not installed on your device ask RICHARD for assistance.
- Firstly run it as admin.



# How to check if you really enabled XAMPP?

- On Ports the number 80,443 should appear. And they have these PID that can be terminated once done using.



# Hello World!

- On the XAMPP control panel there's a button called SHELL click that to reveal the CLI for XAMPP.

```
Luco@DESKTOP-6U8BL7U c:\xampp
# echo "Hello World";
"Hello World";

Luco@DESKTOP-6U8BL7U c:\xampp
#
```

It should look like this. Then try printing a message on it using echo.



# Benefits of Using PHP

- If you have a PHP server enabled the web browser automatically forwards the code to the server and securely processes it, therefore, making PHP the most secure in website making.
- You can do HTML inside the PHP.
- And other creative stuff you can think of.

# Exercise 1:Form Making

```
101.html
1 <html>
2 <body>
3
4 <form action="welcome.php" method="post">
5 Name: <input type="text" name="name"><br>
6 E-mail: <input type="text" name="email"><br>
7 <input type="submit">
8 </form>
9
10 </body>
11 </html>
12
```

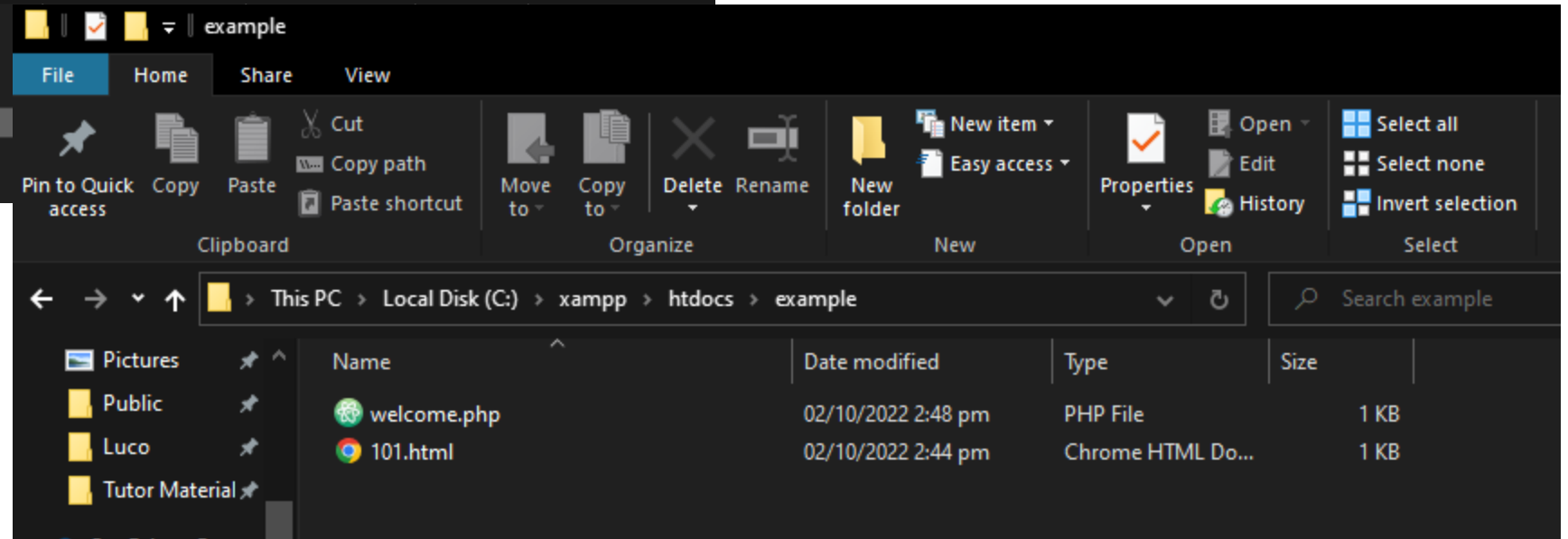
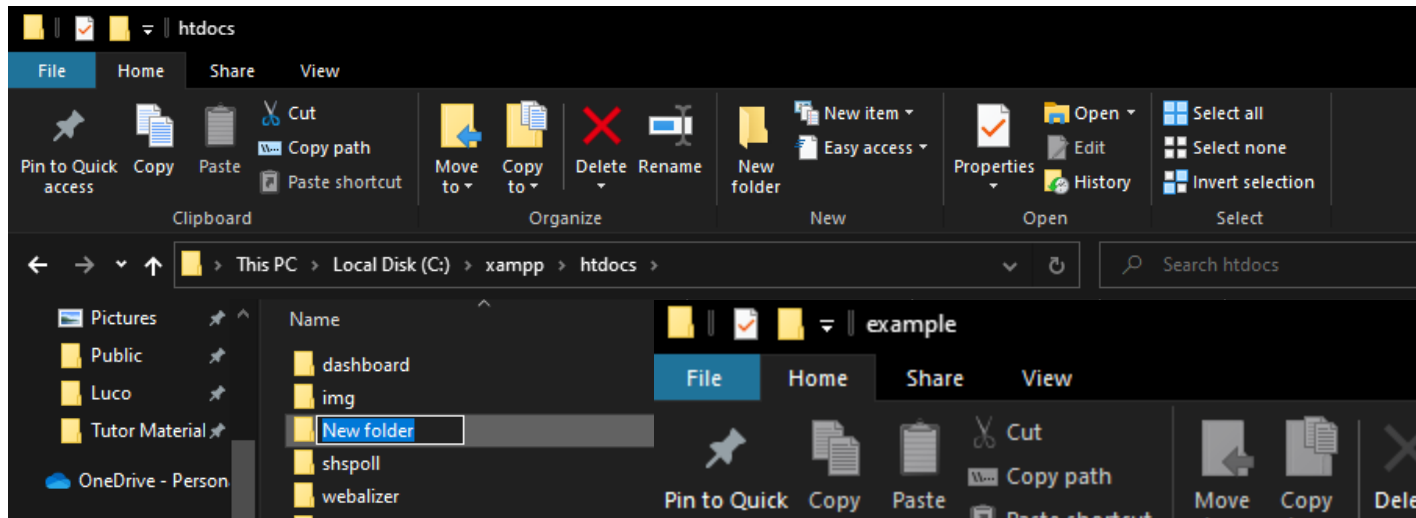
← → ↻ 🏠 ⓘ File | C:/Users/Public/Builds/PHP/101.html

Name:

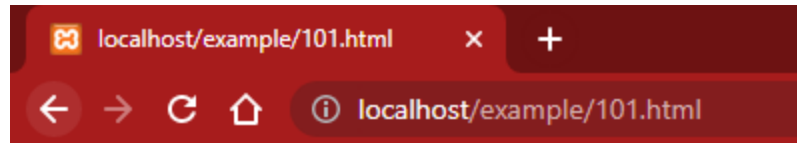
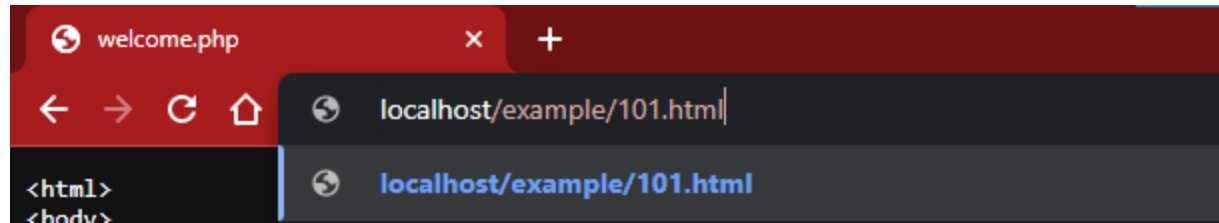
E-mail:

# Now to Execute

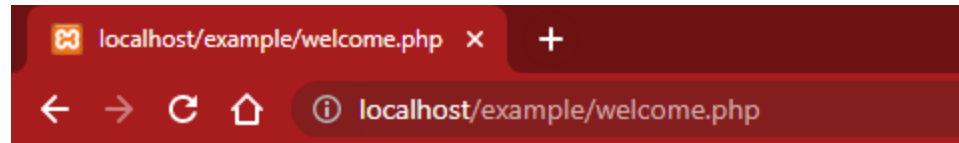
- Your file must be moved to the c://xampp/htdocs/<create a folder/ Then Paste.



# Now Check it on your browser.



Name: Richard Josh B. Villareal  
E-mail: revchannel01@gmail.com  
Submit



Welcome Richard Josh B. Villareal  
Your email address is: revchannel01@gmail.com