



SOEN 387

WEB-BASED ENTERPRISE APPLICATIONS DESIGN

Tutorial 2
Simple PHP application

Agenda

- What is XAMMP?
- XAMPP Installation
- Understanding XAMPP Control Panel and Start Apache Server
- What is PHP?
- How to host file using XAMPP Server?





What is XAMMP?

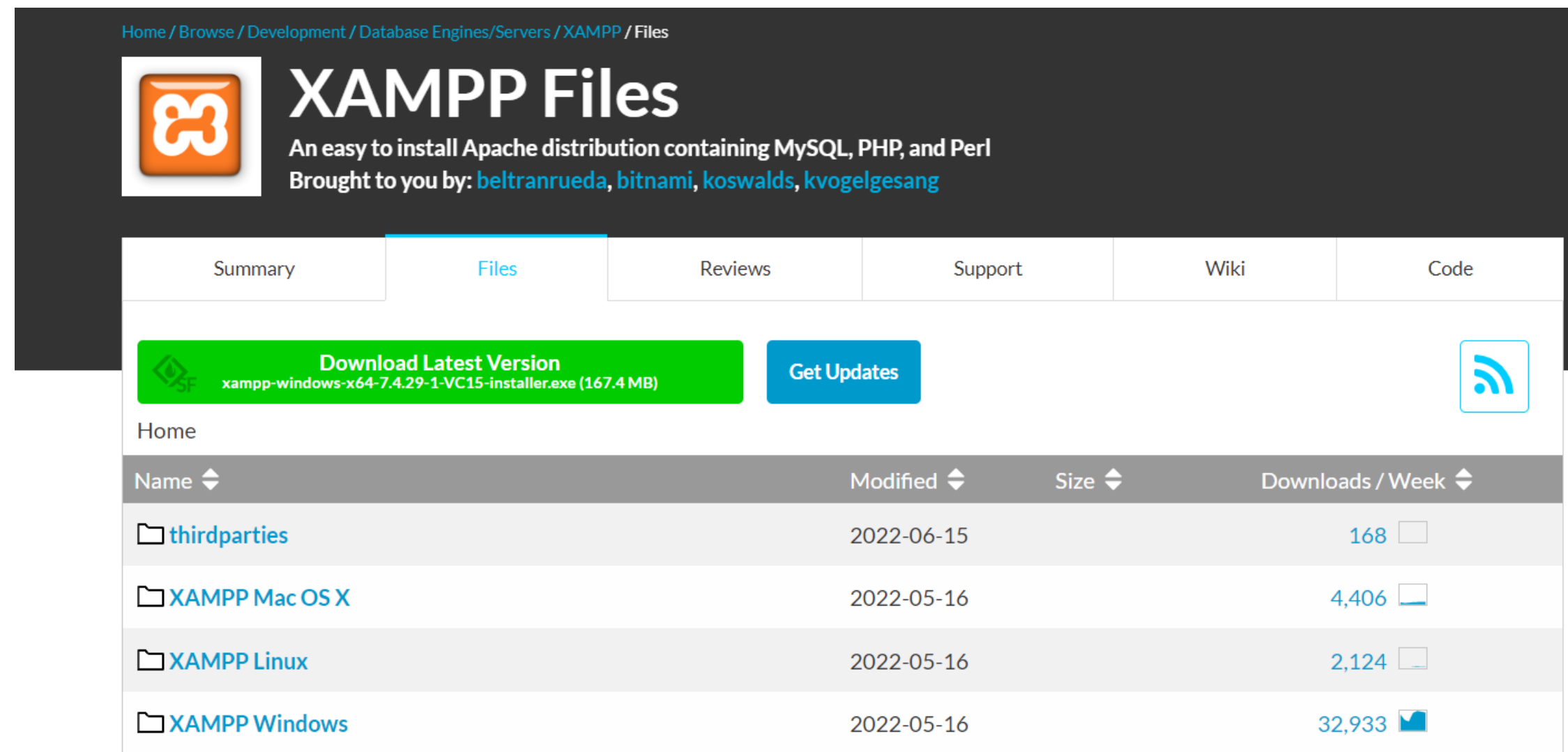
- **XAMPP** is a free and open source cross-platform webserver solution stack package, consisting mainly of the Apache HTTP Server, MySQL database, and interpreters for scripts written in the PHP and Perl programming languages.
- XAMPP's name is an acronym for:
- X ("Cross", meaning cross-platform)
- Apache HTTP Server
- MySQL
- PHP
- Perl
- Tomcat





XAMMP installation

- Step 1: install XAMPP follow the following link,
<https://sourceforge.net/projects/xampp/files/>
- Step 2: Install the application in your environment.



The screenshot shows the 'XAMPP Files' page on SourceForge. The page has a dark header with the XAMPP logo and title. Below the header, there are tabs for 'Summary', 'Files', 'Reviews', 'Support', 'Wiki', and 'Code'. The 'Files' tab is active. A green button labeled 'Download Latest Version' is prominent, with the text 'xampp-windows-x64-7.4.29-1-VC15-installer.exe (167.4 MB)' below it. A blue 'Get Updates' button is next to it. Below these buttons, there is a table listing files. The table has columns for 'Name', 'Modified', 'Size', and 'Downloads / Week'. The files listed are 'thirdparties', 'XAMPP Mac OS X', 'XAMPP Linux', and 'XAMPP Windows'. The 'XAMPP Windows' file has the highest number of downloads, 32,933.

Name	Modified	Size	Downloads / Week
thirdparties	2022-06-15		168
XAMPP Mac OS X	2022-05-16		4,406
XAMPP Linux	2022-05-16		2,124
XAMPP Windows	2022-05-16		32,933

Figure 1. Download XAMMP



Understanding XAMPP Control Panel and Start Apache Server

- To start Apache Server, **click on start button** then wait for the process to finish.
- Apache HTTP Server is a web server software program notable for playing a key role in the initial growth of the World Wide Web.
- It is a **web server** that allows you to **host your websites** or any other content for that matter.
- Apache is available for **UNIX** as well as **WINDOWS**.
- Some of the most common server-side languages supported by Apache are – **PHP**, **Python** and **Perl**.

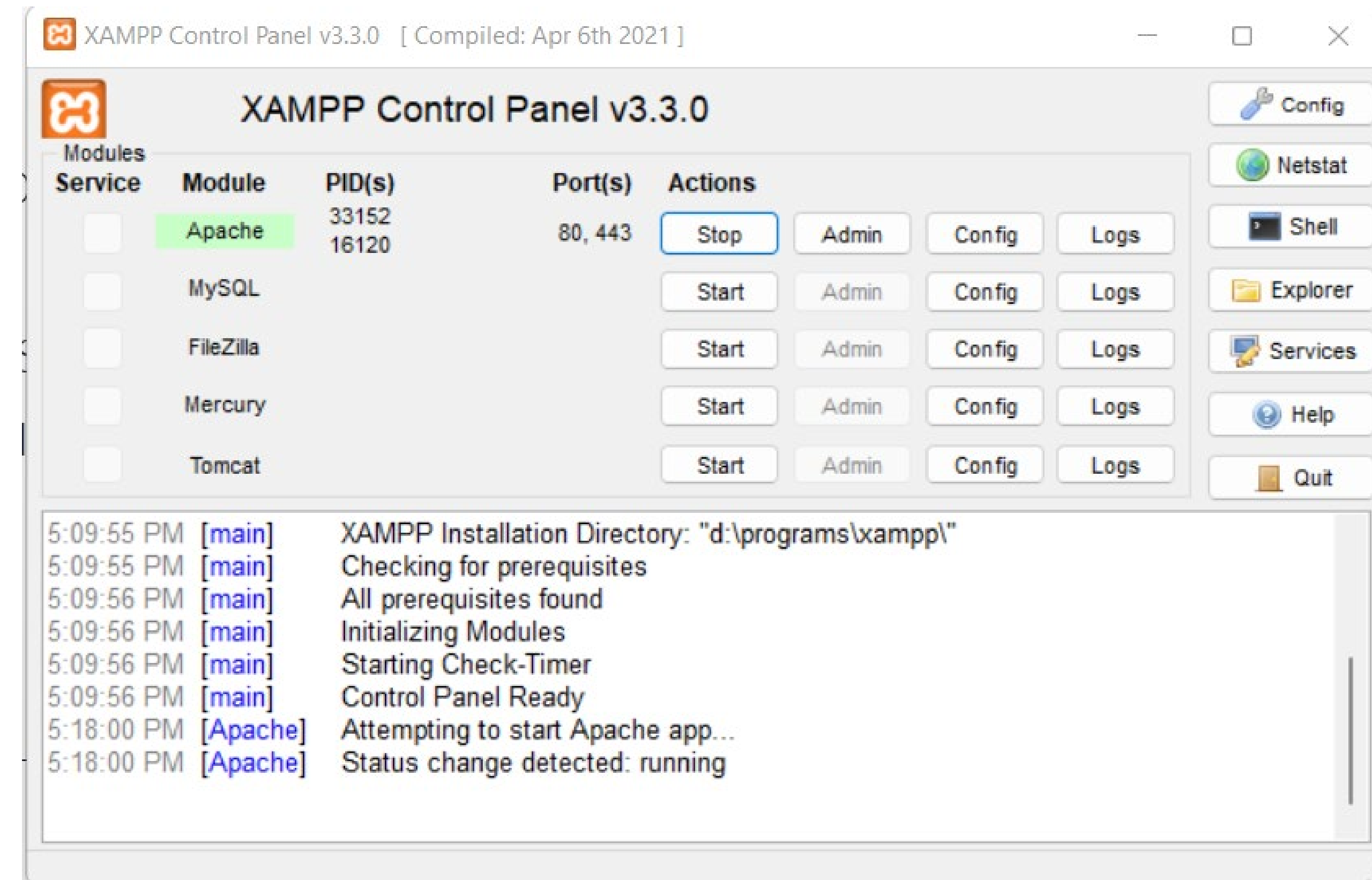


Figure 2. XAMPP Control Panel



What is PHP?

- **PHP** is a server-side scripting language designed for web development but also used as a general-purpose programming language.
- Originally created by Rasmus Lerdorf in 1995, the reference implementation of PHP is now produced by The PHP Group.
- While PHP originally stood for **Personal Home Page**, it now stands for ***PHP: Hypertext Preprocessor***.
- It is mainly used to produce dynamic web pages.
- PHP code can be embedded within HTML.
- It is also free and platform-independent which means that it can be installed on any operating system.





How to host file using
XAMPP Server?

Step 1: copy clientForm.html and serverForm.php to directory *c:\xampp\htdocs* (In the directory where xampp is installed)

Step 2: open Internet browser and type in <http://localhost/clientForm.htm>

← → ↻ 🏠 ⓘ localhost/clientForm.htm

Registration Form

Please fill in all fields and click Register.

First name:

Last name:

Email:

Student ID:

Select the course
COMP 232-Math for Computer Science ▼

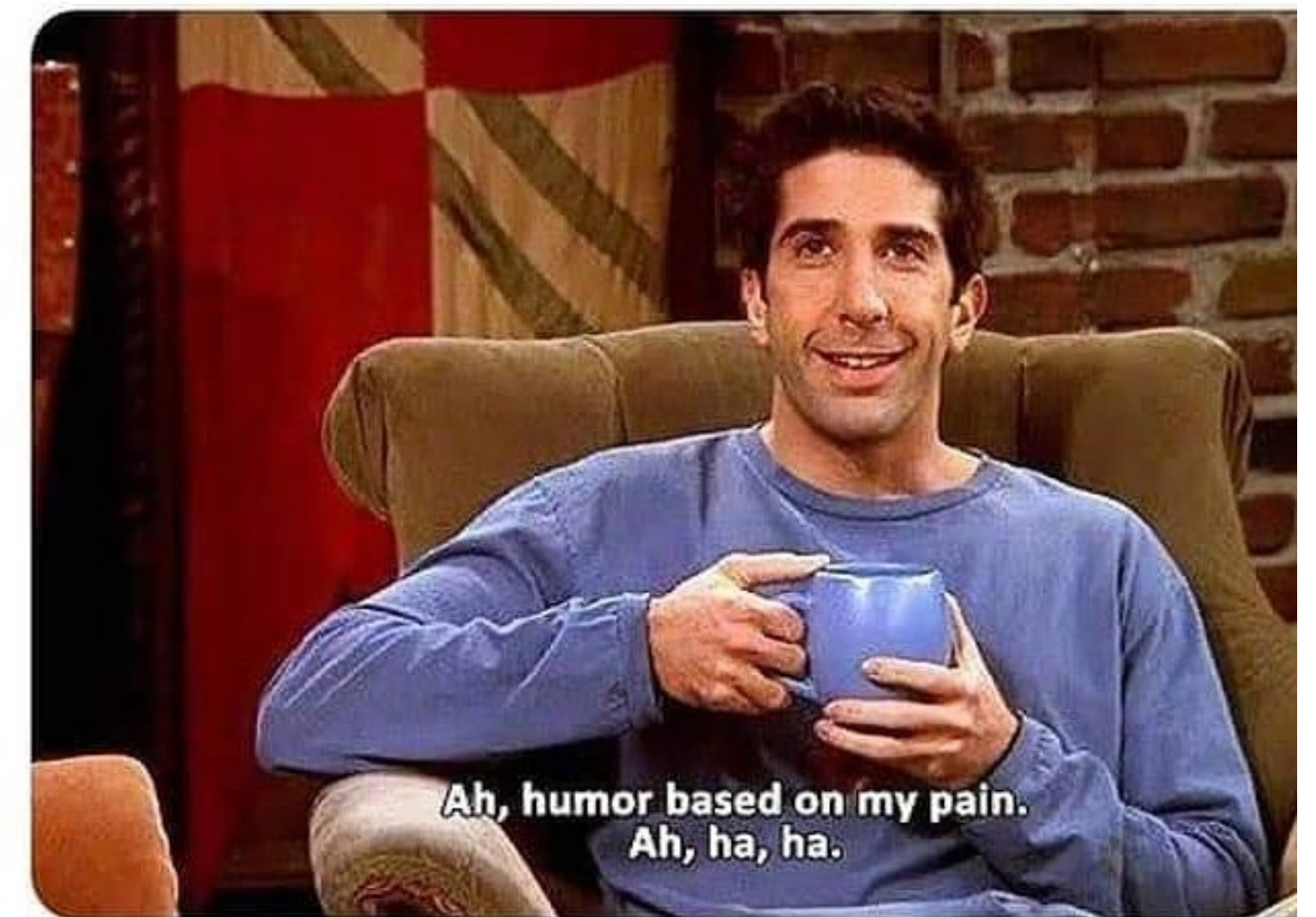
Select the semester
☒ Fall Term ☐ Winter Term ☐ Summer Term

Figure 3. Hosted registration form

Thank You!

One Last Meme 😊

Programmers looking
at programming memes



References

- <https://www.slideshare.net/jinmike008/introduction-to-xampp>

