Experiment Title: Installing Apache and PHP , Configuring PHP at Build Time Or Installation of XAMPP/ WAMP.

Objective:

To learn Installation of Apache and PHP , configuring PHP at Build Time Or Installation of WAMP.

Theory:

On Windows, WAMP is a popular choice. WAMP is not the only choice you have for windows. You can also choose XAMPP which is also stable and good. For Linux you can try LAMP and for Mac, MAMP.

XAMPP is another popular choice for setting up PHP development environment in Windows OS.

Prerequisites: In order to successfully install and run WAMP server make sure that you have VC++ Redistributable installed on your system. Please follow my post and install all the versions of VC++ Redistributable using the link provided in the post at the bottom of the post. This article also tell you why VC++ Redistributable is important and why you should have it to avoid future problems on Windows Platform. After the installation if you get the error message that some dll files such as msvcr110.dll, msvcr100.dll, msvcp110.dll, msvcp100-dll is missing, make no mistake, it is because Visual C++ Redistributable is missing.

Procedure :

Step By Step Guide to Install WAMP Server on Windows 10

Wamp Server installation brief on Windows

1. Go to the official WampServer website and download the Wamp server 32bit or 64bit.
2. Run the downloaded Wamp server.exe setup
3. Select the location, if need to set other than the default.
4. Follow the instructions and install the setup.
5. Click on system tray Wamp server icon and test the web server

Step 6: Other important Wamp server tools and settings

If you right click on the same WAMP server icon resides in your system tray, it will open several other options such as About, Refresh, Help, language, WAMP settings, Tool, and Exit. In case you want to change the software language you can choose your local language from the language option.

If you want to know which port is using which service of WAMP server or some other information, you just need to go tools:

- Restart DNS
- Check HTTP.conf syntax
- Check stats of services
- Check DNS search order
- Check compiler VC, compatibility and ini files
- Show VirtualHost examined by Apache
- Show Apache loaded Modules
- Delete Unused PHP versions
- And more...
- Enter the following URL in the browser. http://localhost
- Now you should see the WAMP Server page.That's it, you are done.

Conclusion: