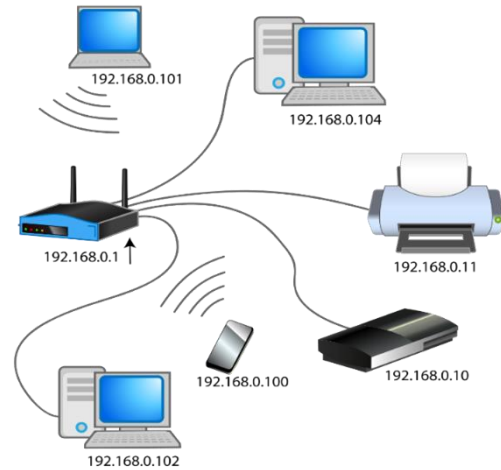# HOW TO FIND YOUR LOCAL IP ADDRESS ?

Terminal command

- Windows: *> ipconfig*
- Linux: *$ ip a*

Local IP address format is 192.168.XXX.XXX

HOW TO START PHP BUILT-IN WEB SERVER ?
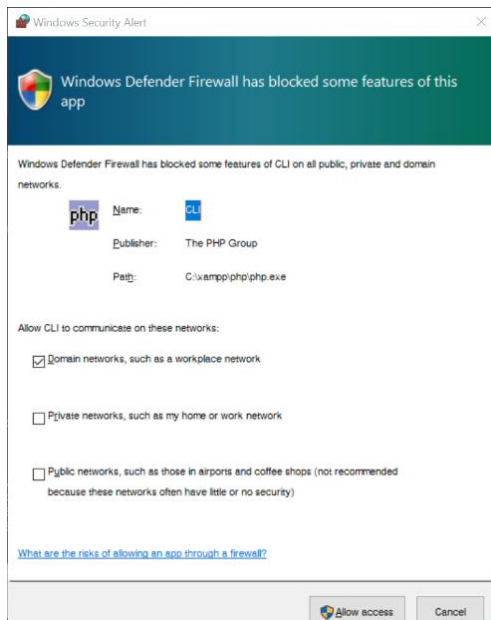
If you get a Security Alert from the firewall, click on "Allow Access" and ask to the teacher the admin access for PNC computer.

If you clicked on Cancel, ask the teacher to configure the firewall

1. Go to the directory of the activity (use the command > *cd* ("change directory"))
2. Use terminal command > php -S <ip>:<port> (Capital 'S' !)
   <ip> = Your IP address
   <port> = use any number between 1024 and 9999, for example 8080

LOCALHOST

The same computer can be at the same time server and client!

As a server, how can you access the site you are hosting?
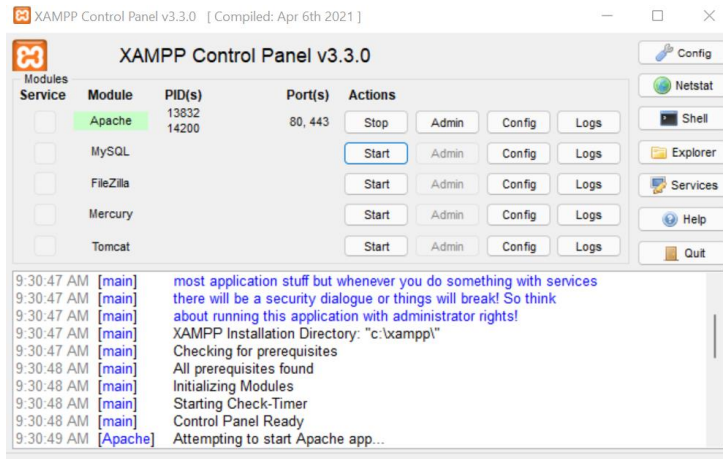
3 solutions:

1. http://<local_network_ip>:<port>
   → Like the other clients!
2. http://127.0.0.1:<port>
   → 127.0.0.1 is special IP address redirecting to your own computer
3. http://localhost:<port>
   → localhost resolves to 127.0.0.1

For web development: No need 2 computers, and no need to know your IP

APACHE

PHP built-in server is fine for development only

Start Apache then visit http://localhost (on default port 80!)

You can change the content of the folder xampp/htdocs to change the default content to your website!