**Part 1 – Setup and Preliminary Tasks**

Outline the entire process (and technologies) required to set up an HTTP server with PHP support.

PHP is a server-side script which executes on a server. Therefore, the scripting language needs an HTTP server to execute it. There are two options to set up an HTTP server with PHP support. There are software packages which can be installed and execute PHP scripts such as XAMPP. The other option is purchasing a web host to upload and run PHP files. For this website application XAMPP software package will be used. This software contains Apache HTTP server, PHP script, MySQL database, and supports other scripts.

Process:

* Install the XAMPP software package from https://www.apachefriend s.org/download.html (with this software the PC will act as a web server to run PHP pages).
* Run the executable (.exe) file that was installed as administrator.
* Very important to deactivate any antivirus or user account control
* Once the setup wizard starts pick the desire options such as PHP, MySQL and phpMyAdmin.
* Once installation is finished run XAMPP software executable file.
* Start apache wait until it says running.
* Create a PHP page on Visual Studio Code.
* On a search engine load the PHP page using <http://localhost/PATH> \_OF\_FILE (can load page without internet).

Summary:

Process: Installation of software that acts as HTTP server.

Technology needed: XAMPP, VSCode and PC.