PHP Project Checkpoint 1

PHP stands for Hypertext Preprocessor. It's an open source, server-side, scripting language used for the development of web applications. It is imperative, functional, object-oriented, procedural, and reflective.

PHP can be embedded in HTML, and it's well suited for web development and the creation of dynamic web pages for web applications, e-commerce applications, and database applications. It's considered a friendly language with abilities to easily connect with MySQL, Oracle, and other databases.

PHP scripts can be used on most of the well-known operating systems like Linux, Unix, Solaris, Microsoft Windows, MAC OS and many others. It also supports most web servers including Apache and IIS. Using PHP affords web developers the freedom to choose their operating system and web server. I personally used MAMP to create a local server and run my programs.

As of April 2007, over 20 million Internet domains had web services hosted on servers with PHP installed and mod\_php was recorded as the most popular Apache HTTP Server module. As of June 2018, PHP was used as the server-side programming language on 83.5% of websites where the language could be determined. Web content management systems written in PHP include MediaWiki, Joomla, eZ Publish, eZ Platform, SilverStripe,WordPress, Drupal, and Moodle. Websites written in PHP, in back-end and/or user-facing portion, include Facebook, Digg, Tumblr, Dailymotion, and Slack.

Sources: <https://en.wikipedia.org/wiki/PHP>, <https://www.w3schools.com/php/php_intro.asp>, <https://study.com/academy/lesson/what-is-php-used-for-uses-advantages.html>