PHP

PHP vs AJAX:

* PHP pages cannot get new data w/out reloading the page
* AJAX 🡪 page gets new data w/out reloading the page (single page design)

What is it?

* An open-source scripting language designed to produce dynamic web pages – stands for ‘Hypertext Preprocessor’
* PHP is a server-side software that is used to enhance the features of a web page. It works seamlessly with HTML to add features to a website that HTML alone can't deliver, such as surveys, login screens, forums, and shopping carts 🡪 However, it leans on HTML for their appearance on the page.
* PHP scripts are executed on the server
* Can be embedded into HTML pages

What is a PHP File?

* PHP files can contain text, HTML, CSS, JavaScript, and PHP code
* PHP code are executed on the server, and the result is returned to the browser as plain HTML
* Have the extension “.php”

Why PHP?

* Runs on various Platforms
* Compatible with almost all servers used today (IIS, Apache, ect.)
* Free – download at the official PHP resource –  [www.php.net](http://www.php.net/)

PHP Installation:

Basic Syntax:

* A PHP script can be placed anywhere in the document
* <?php //PHP code goes here ?>
* PHP files normally contain HTML tags & some PHP scripting code
* NOT CASE SENSITIVE! – except for variable names

Variables:

* PHP has no command / keyword for declaring variables – it is created the moment you assign its value
* All variables start with the $ sign

PHP Forms

PHP 5 Form Handling: