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Learn PHP

PHP (Hypertext Preprocessor) was created by Rasmus Lerdorf. He developed the original version of PHP in 1994 as a set of Common Gateway Interface (CGI) binaries written in the C programming language. PHP has since evolved into a widely-used server-side scripting language for web development. Over the years, it has been maintained and improved by a large community of developers, and the PHP Group, which oversees the language's development.  
 The Common Gateway Interface (CGI) is a standard protocol that defines how web servers communicate with external programs, known as CGI scripts or binaries. In the context of PHP, CGI binaries refer to the executable files that contain the PHP interpreter and are responsible for processing PHP code on the server side.

PHP is a server scripting language, and a powerful tool for making dynamic and interactive Web pages.

A scripting language is a type of programming language that is interpreted rather than compiled. In other words, the source code of a script is executed line by line by an interpreter at runtime, rather than being translated into machine code beforehand. This allows for more flexibility and ease of use in certain situations, such as web development.

**1. Which is better: Interpreter or Compiler?**

The Interpreter is useful in the case of debugging, but it is slower and a Compiler goes for full code, error resolution becomes challenging. Therefore, which one is better, totally depends on what work has to be performed by the user.

**2. Which is faster: Interpreter or Compiler?**

Whenever any process is considered, the interpreter is faster than the compiler. But, whenever any program is already compiled, in that case, execution of the compiled program is faster than an interpreted program.

PHP is a widely-used, free, and efficient alternative to competitors such as Microsoft's ASP.

PHP code is executed on the server.

What You Should Already Know

Before you continue you should have a basic understanding of the following:

* [HTML](https://www.w3schools.com/html/default.asp)
* [CSS](https://www.w3schools.com/css/default.asp)
* [JavaScript](https://www.w3schools.com/js/default.asp)

What is PHP?

* PHP is an acronym for "PHP: Hypertext Preprocessor"
* PHP is a widely-used, open source scripting language
* PHP scripts are executed on the server
* PHP is free to download and use

**PHP is an amazing and popular language!**

It is powerful enough to be at the core of the biggest blogging system on the web (WordPress)!  
It is deep enough to run large social networks!  
It is also easy enough to be a beginner's first server side language!

What is a PHP File?

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

What Can PHP Do?

* PHP can generate dynamic page content
* PHP can create, open, read, write, delete, and close files on the server
* PHP can collect form data
* PHP can send and receive cookies
* PHP can add, delete, modify data in your database
* PHP can be used to control user-access
* PHP can encrypt data

With PHP you are not limited to output HTML. You can output images or PDF files. You can also output any text, such as XHTML and XML.

Why PHP?

* PHP runs on various platforms (Windows, Linux, Unix, Mac OS X, etc.)
* PHP is compatible with almost all servers used today (Apache, IIS, etc.)
* PHP supports a wide range of databases
* PHP is free. Download it from the official PHP resource: [www.php.net](http://www.php.net/)
* PHP is easy to learn and runs efficiently on the server side

What's new in PHP 7

* PHP 7 is much faster than the previous popular stable release (PHP 5.6)
* PHP 7 has improved Error Handling
* PHP 7 supports stricter Type Declarations for function arguments
* PHP 7 supports new operators (like the spaceship operator: <=>)

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Now download php itself

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example Everest sabji masala

https://www.apachefriends.org/

xamp ke andar php,mySql,Apache others...

hamari saari files htdocs ke andar rehti hai

>Make Folder >Php\_tutorial>

Echo

**echo** is a language construct used to output data. It's commonly used to send content, such as text or variables, to the browser as part of the HTML document. The **echo** statement can be used with or without parentheses.

echo and print are more or less the same. They are both used to output data to the screen.

The differences are small: echo has no return value while print has a return value of 1 so it can be used in expressions. echo can take multiple parameters (although such usage is rare) while print can take one argument. echo is marginally faster than print.

The PHP echo Statement

The echo statement can be used with or without parentheses: echo or echo().

echo "<h2>PHP is Fun!</h2>";

echo "Hello world!<br>";

echo "I'm about to learn PHP!<br>";

echo "This ", "string ", "was ", "made ", "with multiple parameters.";