

PHP

PHP Basics

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Online PHP Editors

- https://www.tutorialspoint.com/execute_php_online.php
- <https://www.codingrooms.com/compiler/php/>

What is PHP

PHP (recursive acronym for PHP: Hypertext Preprocessor) is a widely-used open source general-purpose scripting language that is especially suited for web development and can be embedded into HTML.

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.
- PHP files have extension ".php".

Example 1

```
<!DOCTYPE html>
<html>
  <head>
    <title>PHP Test</title>
  </head>
  <body>
    <?php echo '<p>Hello World</p>'; ?>
  </body>
</html>
```

Example 2

```
<?php
// Show all information, defaults to INFO_ALL
phpinfo();
// Show just the module information.
// phpinfo(8) yields identical results.
phpinfo(INFO_MODULES);
?>
```

Visual Studio Code - PHP Extension Pack

<https://marketplace.visualstudio.com/items?itemName=xdebug.php-pack>

Example 3

```
<?php
/* In PHP, all keywords (e.g. if, else, while, echo, etc.), classes,
functions, and user-defined functions are NOT case-sensitive.*/

ECHO "Hello World!<br>";
echo "Hello World!<br>";
EcHo "Hello World!<br>";
?>
```

[GitHub Code](#)

Example 4

```
<?php
// all variable names are case-sensitive.
$color = "red";
$COLOR="GREEN";
echo "My car is " . $color . "<br>";
echo "My house is " . $COLOR . "<br>";
echo "My boat is " . $coLOR . "<br>";
?>
```

[GitHub code](#)

Variables

Example 5

```
<?php

$txt = "W3Schools.com";
echo "I love $txt!";
// produce the same output
echo "<br>";
echo "I love " . $txt . "!";

?>
```

[GitHub code](#)