

PHP Cheat Sheet

PHP Syntax

Opening/Closing Tags: `<?php ?>`
Instruction Termination: `;`
Comments: `/* */` or `//` or `#`

PHP Variables

```
$example_1 = 789;  
$example_2 = 'value';  
$example_3 = "value";
```

PHP Echo

```
echo 'string';  
echo "string";  
echo $variable;
```

PHP Strings

Escape Character: `\`
Concatenation Operator: `.`
Concatenation Assignment: `.=`

PHP Operators

Assignment: `=`
Arithmetic: `+` `-` `*` `/` `%`
Inc./Dec.: `++` `--`
Logical: `&&` `||` `!`
Comparison:
`==` `!=` `<>` `>` `<` `>=` `<=`

PHP Conditions & Loops

```
if (condition) { action }  
elseif (condition) { action }  
else { action }
```

```
switch (1st half of condition) {  
    case "2nd half of condition":  
        action  
        break;  
    default:  
        action  
        break;  
}
```

```
while (condition) {  
    action  
    increment condition variable  
}
```

```
do {  
    action  
    increment condition variable  
}  
while (condition);
```

```
for (initialize; condition; increment)  
{ action to take }
```

PHP Arrays

```
array("value0", "value1");  
array("key0" => "value0");  
foreach (array as value) { action }
```

Functions

```
time(); // Current Unix Timestamp  
date(); // Formats Date/Time  
strtotime(); // Parses to Timestamp  
include("");  
require("");  
mail(to,subject,message);
```

User-Defined Functions

```
function name() { }  
name();
```

Predefined Variables

```
$_GET  
$_POST  
$_FILES  
$_SERVER  
$_COOKIE  
$_SESSION  
$_REQUEST  
$GLOBALS  
$php_errormsg
```

Browser Interaction

```
session_start();  
session_destroy();  
setcookie(name, value, expiration);
```

File Functions

```
fopen(filename, method);  
feof(filehandle);  
fgets(filehandle);  
filesize(filename);  
fread(filehandle, filesize);  
fwrite(filehandle, filedata);  
fclose(filehandle)  
unlink(filename);
```

GD Library Image Functions

```
header()  
imagecreate()  
imagecreatetruecolor()  
imagecolorallocate()  
imagefilltoborder()  
imagejpeg(), imagegif(), imagepng()  
imagedestroy()  
imagecreatefromgif()  
imagecreatefromjpeg()  
imagecreatefrompng()  
imagegiftext()  
imagefilter()  
imagecopyresampled()
```