

# PHP Cheat Sheet

## Embedding PHP in HTML

Script	HTML code <code>&lt;?php</code> //php code <code>?&gt;</code> HTML code
Print out variable value	<code>&lt;?=\$variable ?&gt;</code>
Embedded control statements	<code>&lt;?php if(condition): ?&gt;</code> Normal HTML <code>&lt;?php endif; ?&gt;</code>

## Database

Connect	<code>\$db = new mysqli("localhost", "user", "password", "db_name");</code>
Close connection	<code>\$db-&gt;close();</code>
Begin transaction	<code>\$db-&gt;begin_transaction();</code>
Commit	<code>\$db-&gt;commit();</code>
Rollback	<code>\$db-&gt;rollback();</code>
Execute query without parameters	<code>\$result = \$db-&gt;query("select * from t");</code>
Number of rows returned by a query	<code>mysqli_num_rows(\$result)</code>
Number of rows affected by the last statement	<code>\$db-&gt;affected_rows;</code>
Execute query with parameters 1. Create statement 2. Bind parameters (s-string, i-number) 3. Execute query – returns true is success	<code>\$stmt = \$db-&gt;prepare("delete from t where col = ?");</code> <code>\$stmt-&gt;bind_param("s", \$param);</code> <code>\$result = \$stmt-&gt;execute();</code>
Reading and rendering results - example	<code>&lt;?php foreach (\$result as \$v): ?&gt;</code> <code>&lt;li&gt;&lt;?=\$v["col"] ?&gt;&lt;/li&gt;</code> <code>&lt;?php endforeach; ?&gt;</code>
Close statement handler	<code>\$stmt-&gt;close();</code>

## Arrays

Create array	<code>\$basket = array();</code>
Add value	<code>\$basket["item"] = \$value;</code> <code>\$basket[] = \$value;</code>
Read value	<code>echo \$basket["item"];</code> <code>echo \$basket[0];</code>
Iterate through array	<code>foreach (\$basket as \$k =&gt; \$v) { ... }</code>
Check if field is set/if variable exists	<code>if (isset(\$basket["item"])) { ... }</code>
Index of value in array (false if not found)	<code>\$idx = array_search("value", \$array)</code>
Check if array is empty	<code>if (empty(\$array)) { ... }</code>

## Global arrays

Session data	<code>\$_SESSION</code>
GET request data	<code>\$_GET</code>
POST request data	<code>\$_POST</code>

## Misc

Start session	<code>session_start();</code>
Free all session variables	<code>session_unset();</code>
Stop executing script	<code>exit();</code>
Redirect	<code>header("Location: shop.php");</code>
Print	<code>echo "Hello, World!";</code>
Check request type	<code>if (\$_SERVER["REQUEST_METHOD"] === "POST") { ... }</code>
Display php info	<code>phpinfo();</code>