

PHP include and require Statements

PHP require() Function:

- The require() function in PHP is basically used to include the contents/code/data of one PHP file to another PHP file.
- During this process if there are any kind of error occurs then require() function will pop up a warning along with a fatal error and it will immediately stop the execution of the script.

PHP include() Function:

- The include() function in PHP is basically used to include the contents/code/data of one PHP file to another PHP file.
- During this process if there are any kind of errors then this include() function will pop up a warning and it will not stop the execution of the script rather the script will continue its process.

Syntax:

```
include 'filename';  
or  
require 'filename';
```

Note: Including files saves a lot of work. This means that you can create a standard header, footer, or menu file for all your web pages. Then, when the header needs to be updated, you can only update the header include file.

Example:

footer.php:

```
<?php  
  
echo "<p>Copyright &copy; 2021-" . date("Y") . " wt subject</p>";  
  
?>
```

Welcome.php

```
<html>  
  
<body>
```

```
<h1>Welcome to my home page!</h1>
```

```
<p>Some text.</p>
```

```
<p>Some more text.</p>
```

```
<?php include 'footer.php';?>
```

```
</body>
```

```
</html>
```

PHP include_once() Function:

- The include_once() function can be used to include a PHP file in another one, when you may need to include the called file only one time.
- If it is found that the file has already been included, calling script is going to ignore further inclusions.

Example: index.php

```
<?php  
include_once('header.php');  
include_once('heade.php');  
?>
```

The above file header.php is included twice with include_once() function in the following file index.php. But from the output, you will get that the second instance of inclusion is ignored since include_once() function ignores all the similar inclusions after the first one.

PHP require_once() Function:

- The require_once() function can be used to include a PHP file in another one, when you may need to include the called file only one time.
- If it is found that the file has already been included, calling script is going to ignore further inclusions.
- If file does not exist then it stops execution and causing a fatal error.

include_once() vs require_once():

Both functions work as same and produce same output but if any error arises then differences come.

Example:

If we don't have a file named header.php, then in the case of the include_once(), the output will be shown with warnings about missing file, but at least the output will be shown from the index.php file.

In the case of the require_once(), if header.PHP file is missing, then a fatal error will arise and no output is shown and the execution halts.