

23 POSTをつかう

GETとPOSTの違い 参考サイト

<http://tooljp.com/internet/doc/get-post-difference/get-post-difference.html>

header.php

```
<!DOCTYPE html>
<html lang="ja">
<head>
  <meta charset="utf-8">
  <title>PHP Practice</title>
</head>
<body>
```

index.php

```
<?php
require('functions.php');
include('header.php');

?>

<form action="result.php" method="post">
  <button>Send</button>
</form>

<?php
include('footer.php');
```

result.php

```
<?php
require('functions.php');
include('header.php');

?>

<p><a href="index.php">Go back</a></p>

<?php
include('footer.php');
```

footer.php

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

functions.php

```
<?php
```

```
function h($str) {  
    return htmlspecialchars($str, ENT_QUOTES, 'UTF-8');  
}
```

24 簡単な掲示板を作る

header.php

```
<!DOCTYPE html>
<html lang="ja">
<head>
  <meta charset="utf-8">
  <title>PHP Practice</title>
</head>
<body>
```

index.php

```
<?php

require('functions.php');

$filename = 'messages.txt';
$messages = file($filename, FILE_IGNORE_NEW_LINES);

include('header.php');

?>

<ul>
<?php foreach ($messages as $message): ?>
  <li><?= h($message); ?></li>
<?php endforeach; ?>
</ul>

<form action="result.php" method="post">
  <input type="text" name="message">
  <button>Post</button>
</form>

<?php

include('footer.php');
```

result.php

```
<?php

require('functions.php');

include('header.php');

?>

<p><a href="index.php">Go back</a></p>

<?php

include('footer.php');
```

footer.php

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

functions.php

```
<?php  
  
function h($str)  
{  
    return htmlspecialchars($str, ENT_QUOTES, 'UTF-8');  
}
```

```
~$ pwd  
/home/ubuntu  
~$ ls  
public_html  
~$ cd pub*  
~/public_html$ ls -l  
total 24  
-rw-r--r-- 1 ubuntu ubuntu 18 Nov 11 04:39 footer.php  
-rw-r--r-- 1 ubuntu ubuntu 88 Nov 11 04:40 functions.php  
-rw-r--r-- 1 ubuntu ubuntu 117 Nov 11 04:37 header.php  
-rw-r--r-- 1 ubuntu ubuntu 185 Nov 11 04:39 index.php  
-rw-r--r-- 1 ubuntu ubuntu 11 Nov 11 04:52 messages.txt  
-rw-r--r-- 1 ubuntu ubuntu 145 Nov 11 04:39 result.php  
~/public_html$ chmod 666 messages.txt  
~/public_html$ ls -l  
total 24  
-rw-r--r-- 1 ubuntu ubuntu 18 Nov 11 04:39 footer.php  
-rw-r--r-- 1 ubuntu ubuntu 88 Nov 11 04:40 functions.php  
-rw-r--r-- 1 ubuntu ubuntu 117 Nov 11 04:37 header.php  
-rw-r--r-- 1 ubuntu ubuntu 427 Nov 11 04:58 index.php  
-rw-rw-rw- 1 ubuntu ubuntu 11 Nov 11 04:52 messages.txt  
-rw-r--r-- 1 ubuntu ubuntu 382 Nov 11 05:05 result.php  
~/public_html$
```

25 POSTされたデータを受けとる

header.php

```
<!DOCTYPE html>
<html lang="ja">
<head>
  <meta charset="utf-8">
  <title>PHP Practice</title>
</head>
<body>
```

index.php

```
<?php

require('functions.php');

$filename = 'messages.txt';
$messages = file($filename, FILE_IGNORE_NEW_LINES);

include('header.php');

?>

<ul>
<?php foreach ($messages as $message): ?>
  <li><?= h($message); ?></li>
<?php endforeach; ?>
</ul>

<form action="result.php" method="post">
  <input type="text" name="message">
  <button>Post</button>
</form>

<?php

include('footer.php');
```

result.php

```
<?php

require('functions.php');

$message = trim(filter_input(INPUT_POST, 'message'));
$message = $message !== '' ? $message : '...';

$filename = 'messages.txt';
$fp = fopen($filename, 'a');
fwrite($fp, $message . "¥n");
fclose($fp);

include('header.php');

?>

<p>Message added!</p>
<p><a href="index.php">Go back</a></p>

<?php

include('footer.php');
```

footer.php

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

functions.php

```
<?php

function h($str)
{
    return htmlspecialchars($str, ENT_QUOTES, 'UTF-8');
}
```

26 ほんとうにPOSTされたかどうか調べる

header.php

```
<!DOCTYPE html>
<html lang="ja">
<head>
  <meta charset="utf-8">
  <title>PHP Practice</title>
</head>
<body>
```

index.php

```
<?php

require('functions.php');

$filename = 'messages.txt';
$messages = file($filename, FILE_IGNORE_NEW_LINES);

include('header.php');

?>

<ul>
<?php foreach ($messages as $message): ?>
  <li><?= h($message); ?></li>
<?php endforeach; ?>
</ul>

<form action="result.php" method="post">
  <input type="text" name="message">
  <button>Post</button>
</form>

<?php

include('footer.php');
```

result.php

```
<?php

require('functions.php');

if ($_SERVER['REQUEST_METHOD'] === 'POST') {
    $message = trim(filter_input(INPUT_POST, 'message'));
    $message = $message !== '' ? $message : '...';

    $filename = 'messages.txt';
    $fp = fopen($filename, 'a');
    fwrite($fp, $message . "¥n");
    fclose($fp);
} else {
    exit('Invalid Request!');
}

include('header.php');

?>

<p>Message added!</p>
<p><a href="index.php">Go back</a></p>

<?php

include('footer.php');
```

footer.php

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

functions.php

```
<?php

function h($str)
{
    return htmlspecialchars($str, ENT_QUOTES, 'UTF-8');
}
```


27 二重に投稿できないようにする

header.php

```
<!DOCTYPE html>
<html lang="ja">
<head>
  <meta charset="utf-8">
  <title>PHP Practice</title>
</head>
<body>
```

index.php

```
<?php

require('functions.php');

if ($_SERVER['REQUEST_METHOD'] === 'POST') {
    $message = trim(filter_input(INPUT_POST, 'message'));
    $message = $message !== '' ? $message : '...';

    $filename = 'messages.txt';
    $fp = fopen($filename, 'a');
    fwrite($fp, $message . "¥n");
    fclose($fp);

    header('Location: https://xxxxxx.paiza-user-free.cloud/~ubuntu/result.php');
    exit;
}

$filename = 'messages.txt';
$messages = file($filename, FILE_IGNORE_NEW_LINES);

include('header.php');

?>

<ul>
<?php foreach ($messages as $message): ?>
  <li><?= h($message); ?></li>
<?php endforeach; ?>
</ul>

<form action="" method="post">
  <input type="text" name="message">
  <button>Post</button>
</form>

<?php

include('footer.php');
```

result.php

```
<?php
require('functions.php');

include('header.php');

?>

<p>Message added!</p>
<p><a href="index.php">Go back</a></p>

<?php

include('footer.php');
```

footer.php

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

functions.php

```
<?php

function h($str)
{
    return htmlspecialchars($str, ENT_QUOTES, 'UTF-8');
}
```