

10 テキストエリア(textarea)から値を受けとる

index.php

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

?>

<form action="result.php" method="get">
  <textarea name="message"></textarea>
  <button>Send</button>
</form>

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

result.php

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

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

include('header.php');

?>

<p><?= nl2br(h($message)); ?></p>
<p><a href="index.php">Go back</a></p>

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

footer.php

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

header.php

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

functions.php

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

11 セレクトボックスから値を受けとる

index.php

```
<?php

require(' functions.php ');

include(' header.php ');

?>

<form action="result.php" method="get">
  <select name="color">
    <option value="orange">Orange</option>
    <option value="pink">Pink</option>
    <option value="gold">Gold</option>
  </select>
  <button>Send</button>
</form>

<?php

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

result.php

```
<?php

require(' functions.php ');

$color = filter_input(INPUT_GET, 'color');

include(' header.php ');

?>

<p><?= h($color); ?></p>
<p><a href="index.php">Go back</a></p>

<?php

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

footer.php

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

header.php

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

functions.php

```
<?php

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

12 セレクトボックスから複数の値を受けとる

index.php

```
<?php

require('functions.php');

include('header.php');

?>

<form action="result.php" method="get">
  <select name="colors[]" multiple>
    <option value="orange">Orange</option>
    <option value="pink">Pink</option>
    <option value="gold">Gold</option>
  </select>
  <button>Send</button>
</form>

<?php

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

result.php

```
<?php

require('functions.php');

$colors = filter_input(INPUT_GET, 'colors', FILTER_DEFAULT, FILTER_REQUIRE_ARRAY);
$colors = empty($colors) ? 'None selected' : implode(', ', $colors);

include('header.php');

?>

<p><?= h($colors); ?></p>
<p><a href="index.php">Go back</a></p>

<?php

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

footer.php

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

header.php

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

functions.php

```
<?php

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

13 チェックボックスから値を受けとる

index.php

```
<?php

require('functions.php');

include('header.php');

?>

<form action="result.php" method="get">
    <label><input type="checkbox" name="colors[]" value="orange"> Orange</label>
    <label><input type="checkbox" name="colors[]" value="pink"> Pink</label>
    <label><input type="checkbox" name="colors[]" value="gold"> Gold</label>
    <button>Send</button>
</form>

<?php

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

result.php

```
<?php

require('functions.php');

$colors = filter_input(INPUT_GET, 'colors', FILTER_DEFAULT, FILTER_REQUIRE_ARRAY);
$colors = empty($colors) ? 'None selected' : implode(', ', $colors);

include('header.php');

?>

<p><?= h($colors); ?></p>
<p><a href="index.php">Go back</a></p>

<?php

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

footer.php

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

header.php

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

functions.php

```
<?php

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


14 ラジオボタンから値を受けとる

index.php

```
<?php

require('functions.php');

include('header.php');

?>

<form action="result.php" method="get">
  <label><input type="radio" name="color" value="orange"> Orange</label>
  <label><input type="radio" name="color" value="pink"> Pink</label>
  <label><input type="radio" name="color" value="gold"> Gold</label>
  <button>Send</button>
</form>

<?php

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

result.php

```
<?php

require('functions.php');

// $color = filter_input(INPUT_GET, 'color');
// $color = isset($color) ? $color : 'None selected';
// $color = $color ?? 'None selected'; // Null合体演算子
$color = filter_input(INPUT_GET, 'color') ?? 'None selected';

include('header.php');

?>

<p><?= h($color); ?></p>
<p><a href="index.php">Go back</a></p>

<?php

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

footer.php

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

header.php

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

functions.php

```
<?php

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