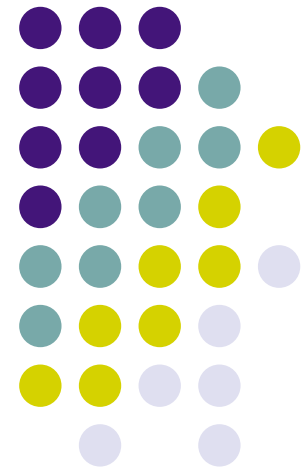


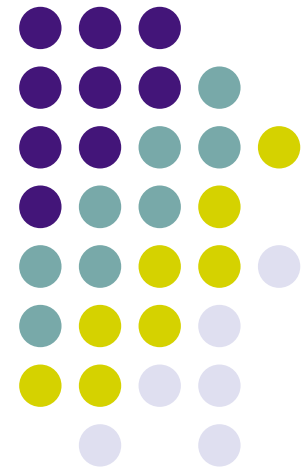
PHP - Superglobals

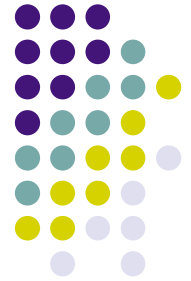
Pemrograman Web II

Ganjil 2013 - 2014



isset() & empty()





isset()

- Berfungsi untuk mengecek apakah sebuah variabel sudah pernah di deklarasikan sebelumnya, atau
- Apakah variabel tersebut berisi NULL atau tidak
- Mengembalikan nilai boolean (true / false)

empty()



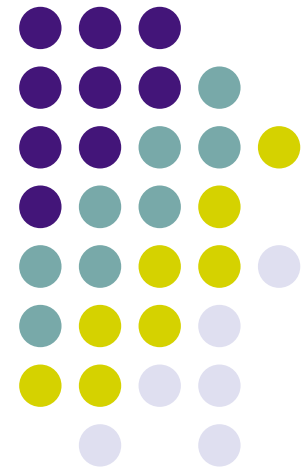
- Berfungsi untuk mengecek apakah sebuah variabel yang telah dideklarasikan kosong atau tidak, atau
- Apakah variabel tersebut berisi 0 atau bukan
- Mengembalikan nilai boolean (true / false)

Perbandingan isset() dan empty()



Ekspresi	isset()	empty()
<code>\$x = "";</code>	TRUE	TRUE
<code>\$x = NULL;</code>	FALSE	TRUE
<code>\$x = array();</code>	TRUE	TRUE
<code>\$x = false;</code>	TRUE	TRUE
<code>\$x = true;</code>	TRUE	FALSE
<code>\$x = 0;</code>	TRUE	TRUE
<code>\$x = 1;</code>	TRUE	FALSE
<code>\$x = 50;</code>	TRUE	FALSE
<code>\$x = "0";</code>	TRUE	TRUE

Request Method



Request Method

- GET
- POST



Request Method



```
<form ... method="POST">
  ...
  input elements
  ...
  submit button
</form>
```

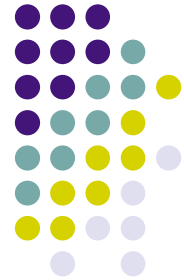
```
<form ... method="GET">
  ...
  input elements
  ...
  submit button
</form>
```


GET vs. POST



	GET	POST
Dikirim Melalui	URL	HTTP Request
Penggunaan	Hanya untuk melihat & menggunakan data yang dikirim	Digunakan untuk mengubah / memanipulasi data

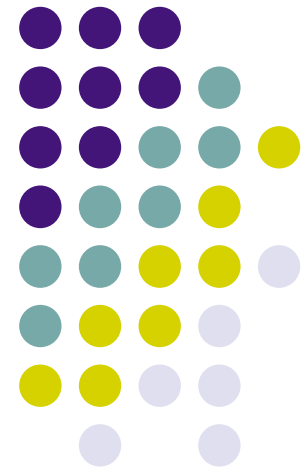
GET vs. POST



	GET	POST
Keuntungan	<ul style="list-style-type: none">• Bisa untuk bookmark• Data yang dikirimkan bisa di-index oleh search engine	<ul style="list-style-type: none">• Bisa mengirimkan data yang sensitif• Bisa mengirimkan file (multi-part binary)• Bisa mengirimkan data ukuran besar
Kerugian	<ul style="list-style-type: none">• Keterbatasan ukuran• Keamanan tidak terjamin (tidak bisa mengirimkan data sensitif)	<ul style="list-style-type: none">• Tidak bisa di bookmark• Tidak di-index oleh search engine

Superglobals

Variabel built-in PHP yang dapat digunakan kapan dan dimana saja pada script PHP, yang memiliki fungsi beragam



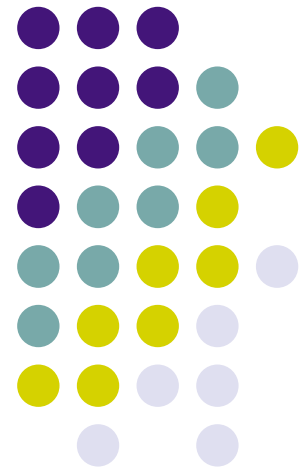
Superglobals

- `$GLOBALS`
- `$_SERVER`
- `$_GET`
- `$_POST`
- `$_FILES`
- `$_REQUEST`
- `$_SESSION`
- `$_COOKIE`
- `$_ENV`

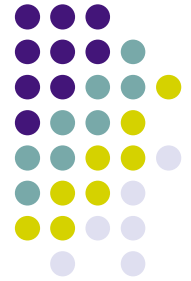


\$_SERVER

Menyimpan informasi mengenai
server



\$_SERVER



```
<?php
    print_r($_SERVER);
?>
```

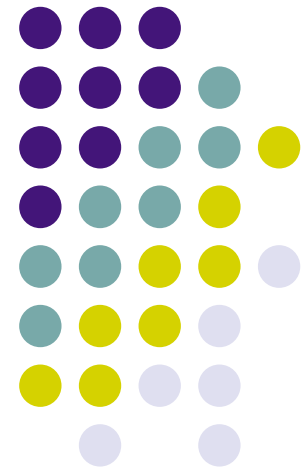
\$_SERVER



```
1 Array
2 (
3     [HTTP_HOST] => localhost:8888
4     [HTTP_CONNECTION] => keep-alive
5     [HTTP_CACHE_CONTROL] => max-age=0
6     [HTTP_ACCEPT] => text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
7     [HTTP_USER_AGENT] => Mozilla/5.0 (Macintosh; Intel Mac OS X 10_8_5) AppleWebKit/537.36 (KHTML, like Gecko)
      Chrome/29.0.1547.76 Safari/537.36
8     [HTTP_ACCEPT_ENCODING] => gzip,deflate,sdch
9     [HTTP_ACCEPT_LANGUAGE] => en-US,en;q=0.8
10    [HTTP_COOKIE] => PHPSESSID=416516e2713dd5cfff40f52dbeed5ef4a; SQLiteManager_currentLange=2
11    [PATH] => /usr/bin:/bin:/usr/sbin:/sbin
12    [SERVER_SIGNATURE] =>
13    [SERVER_SOFTWARE] => Apache
14    [SERVER_NAME] => localhost
15    [SERVER_ADDR] => ::1
16    [SERVER_PORT] => 8888
17    [REMOTE_ADDR] => ::1
18    [DOCUMENT_ROOT] => /Applications/MAMP/htdocs
19    [SERVER_ADMIN] => you@example.com
20    [SCRIPT_FILENAME] => /Applications/MAMP/htdocs/sandbox/getpost/$_server.php
21    [REMOTE_PORT] => 59307
22    [GATEWAY_INTERFACE] => CGI/1.1
23    [SERVER_PROTOCOL] => HTTP/1.1
24    [REQUEST_METHOD] => GET
25    [QUERY_STRING] =>
26    [REQUEST_URI] => /sandbox/getpost/$_server.php
27    [SCRIPT_NAME] => /sandbox/getpost/$_server.php
28    [PHP_SELF] => /sandbox/getpost/$_server.php
29    [REQUEST_TIME_FLOAT] => 1380639625.73
30    [REQUEST_TIME] => 1380639625
31    [argv] => Array
32        (
33        )
34
35    [argc] => 0
36 )
```

\$_GET

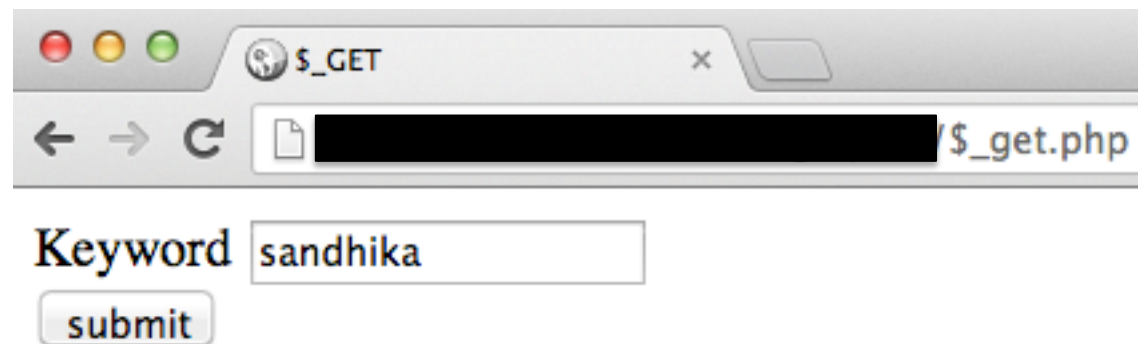
Sebuah array asosiatif untuk
menerima data yang dikirimkan
melalui URL



\$_GET

\$_get.php

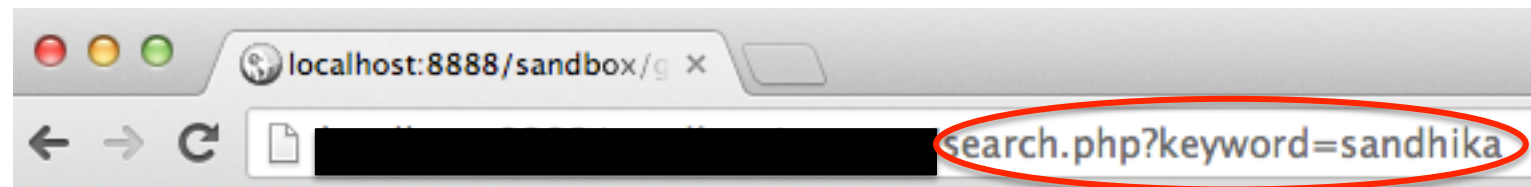
```
<form action="search.php" method="get">  
  <label for="keyword">Keyword</label>  
  <input type="text" name="keyword" id="keyword">  
    <br>  
  <input type="submit" value="submit">  
</form>
```



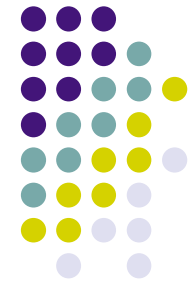
\$_GET

search.php

```
<?php  
    print_r($_GET);  
?>
```



```
Array ( [keyword] => sandhika )
```



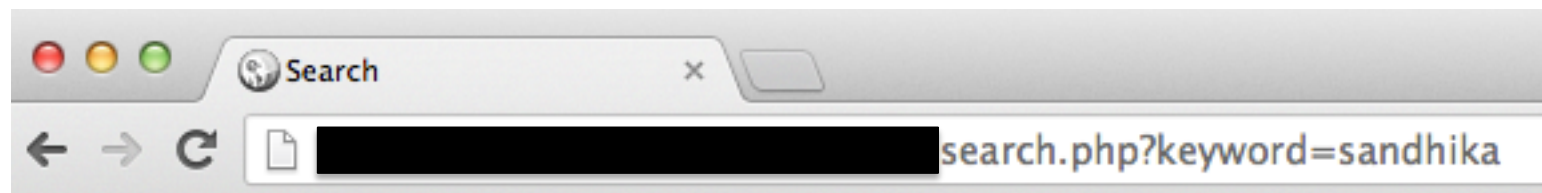
\$_GET

search.php

```
<!doctype html>
<html>
<head>
    <title>Search</title>
</head>
<body>

<h3>Keyword yang dimasukkan: <?php echo $_GET["keyword"]; ?></h3>

</body>
</html>
```



Keyword yang dimasukkan: sandhika

\$_GET



Headers Preview Response Cookies Timing

Request URL: <http://localhost:8888/pw2/pertemuan-4a/search.php?keyword=sandhika>

Request Method: GET

Status Code: 200 OK

▼ Request Headers [view source](#)

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Accept-Encoding: gzip,deflate,sdch
Accept-Language: en-US,en;q=0.8
Connection: keep-alive
Cookie: PHPSESSID=416516e2713dd5cff40f52dbeed5ef4a; SQLiteManager_currentLangue=2
Host: localhost:8888
Referer: http://localhost:8888/pw2/pertemuan-4a/\$_get.php
User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10_8_5) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/29.0.1547.76 Safari/537.36

▼ **Query String Parameters** [view source](#) [view URL encoded](#)

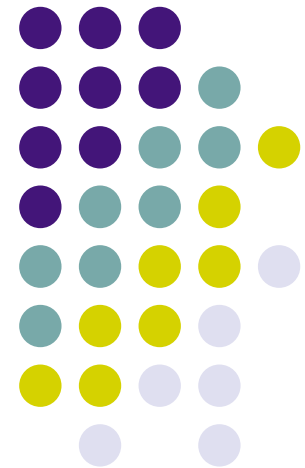
keyword: sandhika

▼ Response Headers [view source](#)

Connection: Keep-Alive
Content-Length: 128
Content-Type: text/html
Date: Wed, 02 Oct 2013 04:55:46 GMT
Keep-Alive: timeout=5, max=100
Server: Apache
X-Powered-By: PHP/5.4.4

`$_POST`

Sebuah array asosiatif untuk menerima data yang dikirimkan melalui HTTP POST



\$_POST

\$_post.php



```
<form action="cek.php" method="post">
  <label for="nama">Nama</label>
  <input type="text" name="nama">
  <br>
  <label for="gender">Jenis Kelamin:</label>
  <br>
  <input type="radio" name="gender" value="Bapak" checked> Pria
  <input type="radio" name="gender" value="Ibu"> Wanita
  <br>
  <input type="submit" value="Submit">
</form>
```

Nama

Jenis Kelamin:

☒ Pria ☐ Wanita

\$_POST



\$_post.php

← → ↻ [redacted] \$_post.php

Nama

Jenis Kelamin:

☐ Pria ☒ Wanita

\$_POST



cek.php

```
<!doctype html>
<html>
<head>
  <title>Cek Gender</title>
</head>
<body>

<h3>Selamat datang <?php echo $_POST['gender'] . " " . $_POST['nama']; ?></h3>

</body>
</html>
```



Selamat datang Ibu Nofariza

\$_POST

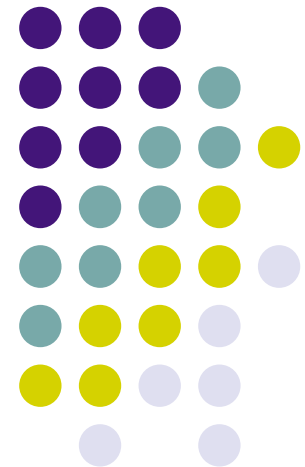


The screenshot displays the 'Headers' tab of a web browser's developer tools. The 'Request' section shows the following details:

- Request URL:** http://localhost:8888/pw2/pertemuan-4a/cek.php
- Request Method:** POST
- Status Code:** 200 OK
- Request Headers:**
 - Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
 - Accept-Encoding: gzip,deflate,sdch
 - Accept-Language: en-US,en;q=0.8
 - Cache-Control: max-age=0
 - Connection: keep-alive
 - Content-Length: 24
 - Content-Type: application/x-www-form-urlencoded
 - Cookie: PHPSESSID=416516e2713dd5cff40f52dbeed5ef4a; SQLiteManager_currentLangue=2
 - Host: localhost:8888
 - Origin: http://localhost:8888
 - Referer: http://localhost:8888/pw2/pertemuan-4a/\$_post.php
 - User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10_8_5) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/29.0.1547.76 Safari/537.36
- Form Data:**
 - nama: Nofariza
 - gender: Ibu
- Response Headers:**
 - Connection: Keep-Alive
 - Content-Length: 127
 - Content-Type: text/html
 - Date: Wed, 02 Oct 2013 08:19:52 GMT
 - Keep-Alive: timeout=5, max=100
 - Server: Apache
 - X-Powered-By: PHP/5.4.4

Sanitasi Input

Digunakan untuk menghindari ada user jahat yang ingin merusak website



Sanitasi Input



- `htmlentities()`
- `htmlspecialchars()`
- Berguna untuk mengubah karakter html agar ditampilkan dalam bentuk entitas html
- `'&'` menjadi `'&'`
- `'"'` menjadi `'"'`
- `'<'` menjadi `'<'`
- `'>'` menjadi `'>'`

Terima Kasih

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acep.hendra@unpas.ac.id

