Week 5
Lab 4
web2

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array_filter

➢ array_filter(*array, call back function, flag*)

```php
<?php
function test_odd($var)
  {
  return($var > 2);
  }

$a1=array(1,3,2,3,4);
echo "<pre>";
print_r(array_filter($a1,"test_odd"));
echo "</pre>";
?>
```

```
Array
(
    [1] => 3
    [3] => 3
    [4] => 4
)
```

ARRAY_FILTER_USE_KEY

```php
1   <?php
2   function test_odd($var)
3     {
4     return($var > 2);
5     }
6
7   $a1=array(1,3,2,3,4);
8   echo "<pre>";
9   print_r(array_filter($a1,"test_odd",ARRAY_FILTER_USE_KEY));
10  echo "</pre>";
11  ?>
```

```
Array
(
    [3] => 3
    [4] => 4
)
```

ARRAY_FILTER_USE_BOTH

```php
1    <?php
2    function test_odd($var)
3        {
4        return($var > 2);
5        }
6
7    $a1=array(1,3,2,3,4);
8    echo "<pre>";
9    print_r(array_filter($a1,"test_odd",ARRAY_FILTER_USE_BOTH));
10   echo "</pre>";
11   ?>
```

```
Array
(
    [1] => 3
    [3] => 3
    [4] => 4
)
```

Filter_list

```php
<?php

echo "<pre>";

print_r(filter_list());

echo "</pre>";

echo filter_id("boolean") . "<br>"; // 258
```

```
Array
(
    [0] => int
    [1] => boolean
    [2] => float
    [3] => validate_regexp
    [4] => validate_domain
    [5] => validate_url
    [6] => validate_email
    [7] => validate_ip
    [8] => validate_mac
    [9] => string
    [10] => stripped
    [11] => encoded
    [12] => special_chars
    [13] => full_special_chars
    [14] => unsafe_raw
    [15] => email
    [16] => url
    [17] => number_int
    [18] => number_float
    [19] => add_slashes
    [20] => callback
)

258
```

Try

```
Array
(
    [257]  =>  int
    [258]  =>  boolean
    [259]  =>  float
    [272]  =>  validate_regexp
    [277]  =>  validate_domain
    [273]  =>  validate_url
    [274]  =>  validate_email
    [275]  =>  validate_ip
    [276]  =>  validate_mac
    [513]  =>  stripped
    [514]  =>  encoded
    [515]  =>  special_chars
    [522]  =>  full_special_chars
    [516]  =>  unsafe_raw
    [517]  =>  email
    [518]  =>  url
    [519]  =>  number_int
    [520]  =>  number_float
    [523]  =>  add_slashes
    [1024] =>  callback
)
```

FILTER_VALIDATE_BOOL (258)

```php
<?php

$val = "on"; // True || 1 || "yes" || "on"

if (filter_var($val, 258)) {

    echo "This Is True";

} else {

    echo "This Is False";

}?>
```

This Is True

FILTER_NULL_ON_FAILURE

```php
$bool = "Ahmed"; // True | 1 | "yes" | "on"

var_dump(filter_var($bool, FILTER_VALIDATE_BOOL, FILTER_NULL_ON_FAILURE));

echo "<br>";
```

NULL

FILTER_VALIDATE_URL

```php
1   <?php
2
3     $url = "https://educative.org";
4
5     var_dump(filter_var($url, FILTER_VALIDATE_URL));
6
7
8     echo "<br>";
9   ?>
```

string(21) "https://educative.org"

FILTER_VALIDATE_URL

```php
<?php

    $url = "org/index";

    var_dump(filter_var($url, FILTER_VALIDATE_URL));

    echo "<br>";
?>
```

bool(false)

FILTER_NULL_ON_FAILURE

```php
<?php


$url = "org/index";


var_dump(filter_var($url, FILTER_VALIDATE_URL,FILTER_NULL_ON_FAILURE));


echo "<br>";
?>
```

NULL

flags

```php
$url = "https://educative.org/?id=100";

var_dump(filter_var($url, FILTER_VALIDATE_URL,
["flags" => FILTER_NULL_ON_FAILURE |
            FILTER_FLAG_PATH_REQUIRED |
            FILTER_FLAG_QUERY_REQUIRED]));

echo "<br>";
```

string(29) "https://educative.org/?id=100"

Try

```php
1  <?php
2  $url1 = "http://www.edu ero.org";
3  $url2 = "http://@educative.org";
4  $url3 = "https://educative.org";
5  $url4 = "https://educative.o@rg";
6  ?>
7
```
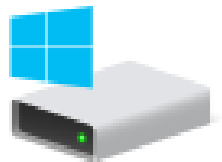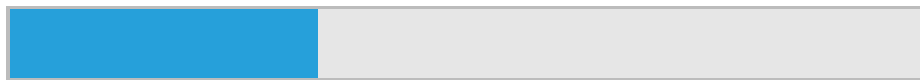
Files

Disk space

```php
1  <?php
2  echo round(disk_total_space("C:") / 1024 / 1024 / 1024) . "<br>";
3  echo round(disk_free_space("C:") / 1024 / 1024 / 1024) . "<br>";
4  ?>
```

Local Disk (C:)

190 GB free of 287 GB

287
191

File

```php
<?php
var_dump(file_exists("gehad.txt"));
echo '<br>';
echo filesize("gehad.txt");
?>
```

bool(true)
0

DIR

```php
<?php
var_dump(is_dir("Lessons"));
mkdir("Test");
rmdir("Lessons");
?>
```

📁 Lessons

📁 Test

bool(true)

Fopen

➢[r] For Read => Pointer At The Beginning .

➢[r+] For Read & Write => Pointer At The Beginning .

➢[w] For Write => Pointer At The Beginning => Create If Not Exists.

➢[w+] For Read & Write => Pointer At The Beginning => Create If Not Exists.

➢[a] For Write => Pointer At The End + Create If Not Exists

➢[a+] For Read & Write => Pointer At The End + Create If Not Exists

Fgets

```php
<?php
$handle = fopen("gehad.txt", "r");
echo fgets($handle);

?>
```

gehad

gehad.txt
```
1    gehad
2    ali
3    ahmed
```

Fgets

```php
<?php
$handle = fopen("gehad.txt", "r");
echo fgets($handle,1024);
fclose($handle);
?>
```

gehad

gehad.txt
1   gehad
2   ali
3   ahmed

fread

```php
<?php
$handle = fopen("gehad.txt", "r");
echo fread($handle, 1024);
fclose($handle);
?>
```

gehad ali ahmed

gehad.txt
```
1    gehad
2    ali
3    ahmed
```

append

```php
<?php
$handle = fopen("gehad.txt", "a");
fwrite($handle, "\nThis Is A New Line 1");
fclose($handle);
?>
```

gehad.txt
```
1    gehad
2    ali
3    ahmed
4    This Is A New Line 1
```

file

```php
<?php
echo '<pre>';
print_r(file("gehad.txt"));
echo '</pre>';

echo count(file("gehad.txt"));
?>
```

```
Array
(
    [0] => gehad

    [1] => ali

    [2] => ahmed

    [3] => This Is A New Line 1
)

4
```

File read

```php
<?php
$handle = fopen("gehad.txt", "r");

$line = 1;

while (! feof($handle)) {

  echo "Line $line => " . fgets($handle) . "<br>";

  $line++;

}
```

Line 1 => gehad
Line 2 => ali
Line 3 => ahmed
Line 4 => This Is A New Line 1

File read

```php
<?php
$handle = fopen("gehad.txt", "r");

$line = 1;

while (! feof($handle)) {

  echo "Line $line => " . fgets($handle) . "<br>";

  $line++;

}
for ($i = 0; $i < count(file("gehad.txt")); $i++) {

  echo fgets($handle) . "<br>";

}

fclose($handle);
?>
```

Line 1 => gehad
Line 2 => ali
Line 3 => ahmed
Line 4 => This Is A New Line 1

File read

```php
<?php
$handle = fopen("gehad.txt", "r");


for ($i = 0; $i < count(file("gehad.txt")); $i++) {


  echo fgets($handle) . "<br>";



}

fclose($handle);
?>
```

gehad
ali
ahmed
This Is A New Line 1