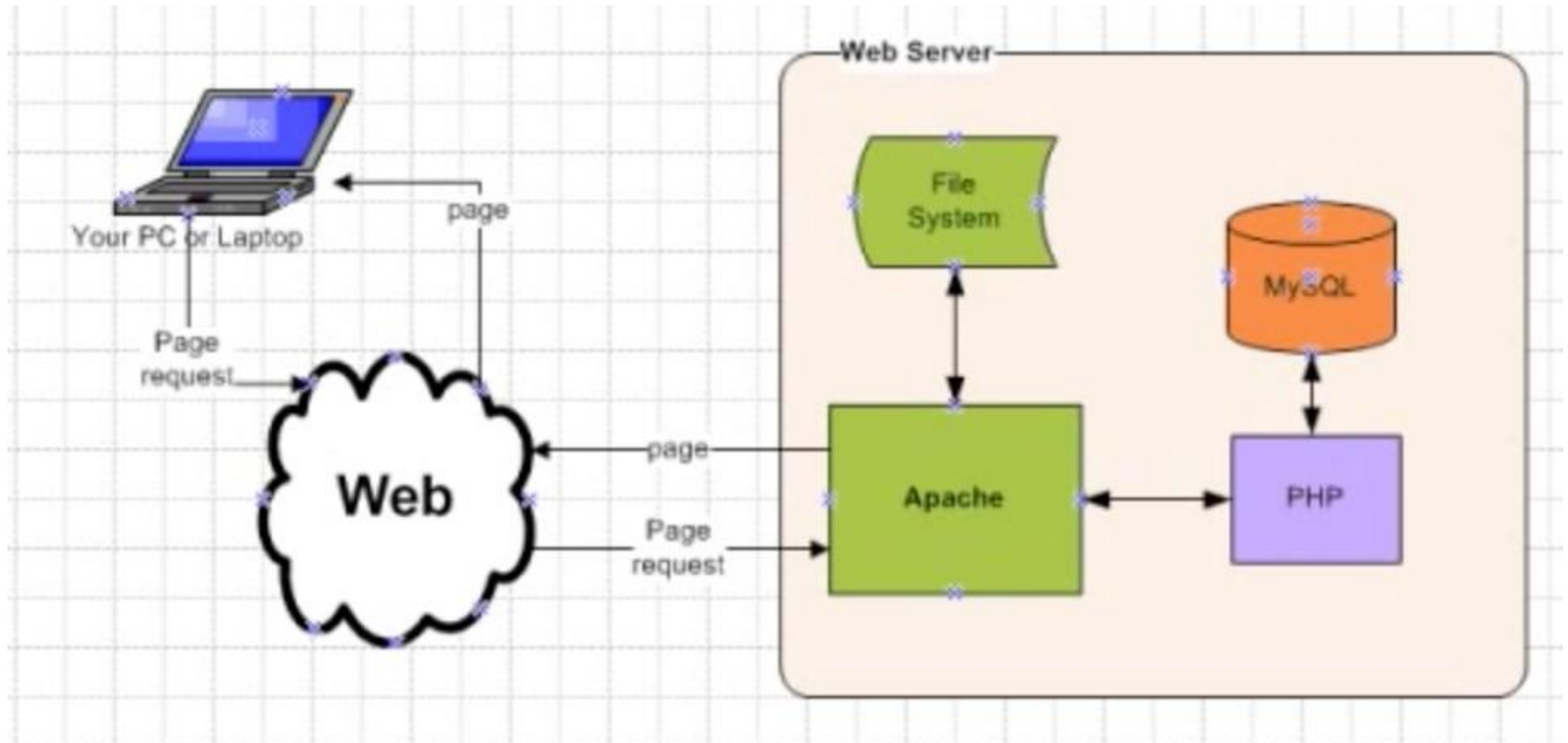# Introduction to - Part 2

How does PHP works ??

Practice Exercise

Question #1. Write a function to keep track of the number of times it has been called so that numbered headings can be created by a script. You could, of course, use the '***global***' statement to do this .

Solution

```php
<?php
    $num_of_calls = 0;
    function numberedHeading($str)
    {
        global $num_of_calls;
        $num_of_calls++;
        echo "<h1>".$num_of_calls." ".$str."</h1>";
    }
    // Test driver
    numberedHeading("Objects");
    echo "<p>We construct a fine range of objects.</p>";
    numberedHeading("Doodads");
    echo "<Finest in the world.</p>";
?>
```

The output on the browser is:

1 Objects

We construct a fine range of objects.

2 Doodads

Finest in the world.

Question #2. Take an array of your choice and perform operations : sort, asort, rsort, ksort and krsort.

Finally, print the results on a webpage for the functions.

You will have to use for-loop for this.

- sort() - sort arrays in ascending order

- rsort() - sort arrays in descending order

- asort() - sort associative arrays in ascending order, according to the value

- ksort() - sort associative arrays in ascending order, according to the key

- arsort() - sort associative arrays in descending order, according to the value

- krsort() - sort associative arrays in descending order, according to the key

RSORT ()

```php
<?php
$fruits = array("lemon", "orange", "banana", "apple");
rsort($fruits);
foreach ($fruits as $key => $val) {
    echo "$key = $val\n";
}
?>
```

O/P :
```
0 = orange
1 = lemon
2 = banana
3 = apple
```

ASORT()

```php
<?php
$fruits = array("d" => "lemon", "a" => "orange", "b" => "banana", "c" => "apple");
asort($fruits);
foreach ($fruits as $key => $val) {
    echo "$key = $val\n";
}
?>
```

O/P :
```
c = apple
b = banana
d = lemon
a = orange
```

SORT()

```php
<?php

$fruits = array("lemon", "orange", "banana", "apple");
sort($fruits);
foreach ($fruits as $key => $val) {
    echo "fruits[" . $key . "] = " . $val . "\n";
}

?>
```

O/P :
```
fruits[0] = apple
fruits[1] = banana
fruits[2] = lemon
fruits[3] = orange
```

KSORT()

```php
<?php
$fruits = array("d"=>"lemon", "a"=>"orange", "b"=>"banana", "c"=>"apple");
ksort($fruits);
foreach ($fruits as $key => $val) {
    echo "$key = $val\n";
}
?>
```

O/P:
```
a = orange
b = banana
c = apple
d = lemon
```

KRSORT()

```php
<?php
$fruits = array("d"=>"lemon", "a"=>"orange", "b"=>"banana", "c"=>"apple");
krsort($fruits);
foreach ($fruits as $key => $val) {
    echo "$key = $val\n";
}
?>
```

O/P :

d = lemon
c = apple
b = banana
a = orange