

# PHP and DB

Creating a Mini-Blog From Scratch

# Remember your projects?

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15 wonderfull creative uses for  
PHP

# PHP in a nutshell

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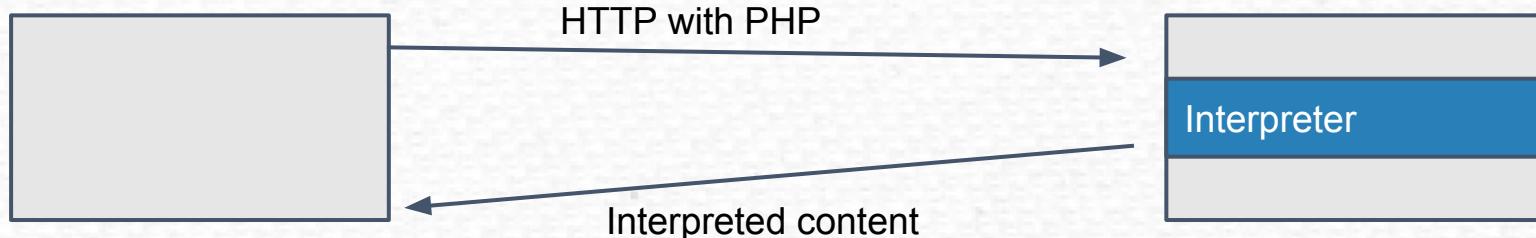
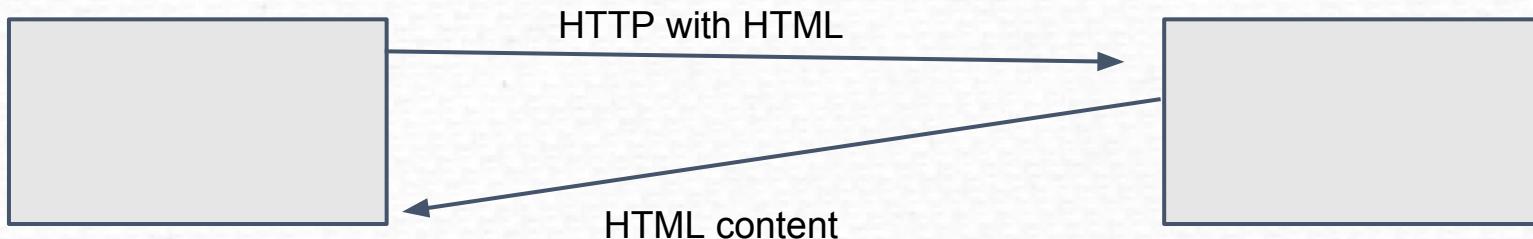
- Server-Side Scripting Language
- Cross-platform
- Embedded in HTML

# PHPing

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**CLIENT**

**SERVER**



# Basic PHP language

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<?php **YOUR CODE** ?>

Get used to ? and \$

# PHP Types and Operators

**Types:** PHP will know them for you.

`$a = 1234;` **Decimal number**

`$a = -123;` **Negative number**

`$a = 1.234;` **Float**

`$a = "abc";` `$a = 'abc';` **Strings**

# PHP Types and Operators (2)

**Operators:** Just mixing things.

Operator	Name	Description	Example	Result
$x + y$	Addition	Sum of x and y	$2 + 2$	4
$x - y$	Subtraction	Difference of x and y	$5 - 2$	3
$x * y$	Multiplication	Product of x and y	$5 * 2$	10
$x / y$	Division	Quotient of x and y	$15 / 5$	3
$x \% y$	Modulus	Remainder of x divided by y	$5 \% 2$ $10 \% 8$ $10 \% 2$	1 2 0
$-x$	Negation	Opposite of x	$-2$	
$a . b$	Concatenation	Concatenate two strings	<code>"Hi" . "Ha"</code>	HiHa

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**POP  
QUESTION!**

# POP QUESTION!

Use a *inspiration* website to find...

**What's the difference between  
a string with “ ” and “ ” ?**

# POP QUESTION!

```
echo '<h1> Alex Html class</h1> <p> oh yeah php</p>'
```

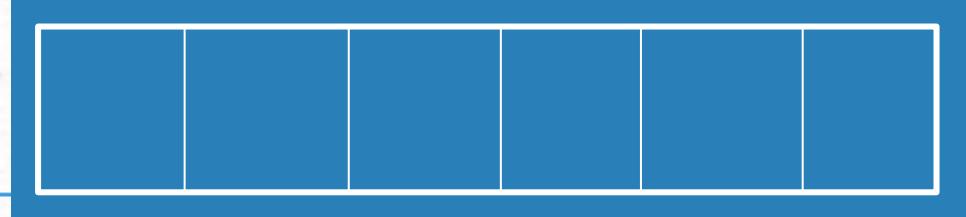
```
echo "<h1> Alex Html class</h1> <p> oh yeah php</p>"
```

# Some PHP Functions

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- **phpinfo()**;
- **datetime()**;
- **substr(\$string,position)**;
- **explode(split factor, \$string)**;
- **fileopen(directory)**;
- **include “phpfile.php”**;

# The Vectors



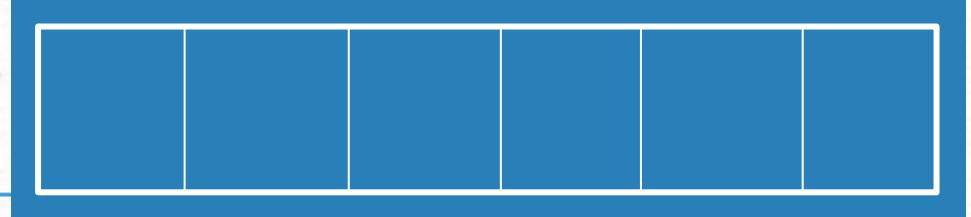
## Ordered Vectors:

```
$fruits[0] = "bananas";  
$fruits[1] = "strawberries";
```

## String-Indexed:

```
$fruitColors['bananas'] = "yellow";  
$fruitColors['strawberries'] = "red" ;
```

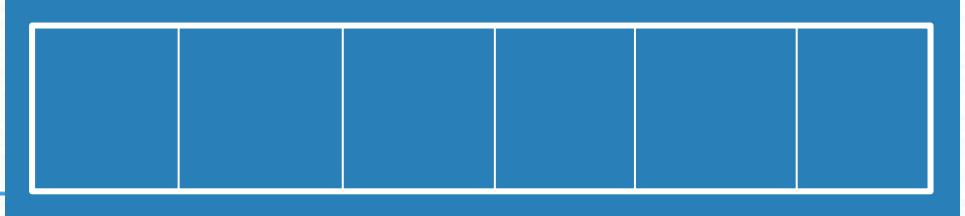
# The Vectors



**Appending Values:**  
`array_push($array, "value");`

**Printing Values:**  
`print_r($array);`

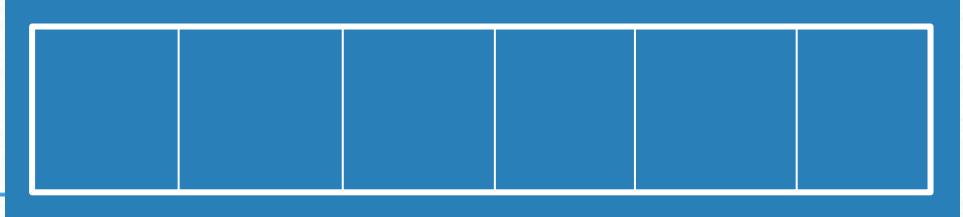
# The Vectors



## For cycles

```
foreach ($array as $element)
{
    // Do Something with the
    $element
}
```

# The Vectors



**For cycles to get more**

```
foreach ($array as $key => $element)
{
    // Do Something with $key and
    $element
}
```

# [www.w3schools.com](http://www.w3schools.com)

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**"If HTML and PHP  
master i want to  
become, use this  
website i must."**



# THE WEBSITE

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**WE NEED STRUCTURE!**

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# DATABASES