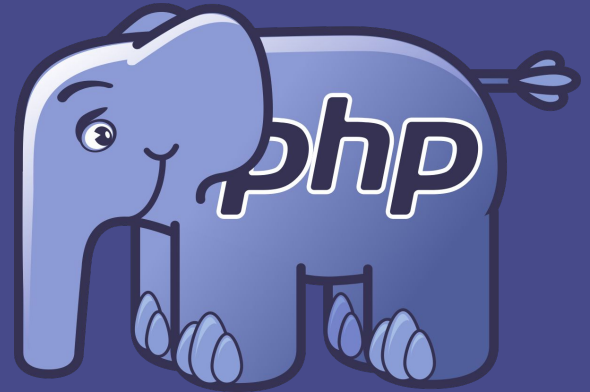


PHP Course

Lecture 1

Temuri Takalandze



Introduction



Rasmus Lerdorf

Release history



Version	Release date	Supported until
1.0	8 June 1995	
...		
5.6	28 August 2014	31 December 2018
6.x	Not released	
7.0	3 December 2015	3 December 2018
...		
7.4	28 November 2019	28 November 2022
8.0	December 2020	December 2023

Basic Structure and Syntax



*.php

```
<?php
```

```
// PHP code goes here
```

```
?>
```

\$

;

Hello World



```
<?php  
    echo "Hello, World!";
```

Comments in PHP



```
// This is a one-line c++ style comment
```

```
# This is a one-line shell-style comment
```

```
/* This is a multi line comment
```

```
yet another line of comment */
```

Variables



```

<?php
    // Declare variables.
    $number = 100;
    $string = "Hello, World!";

```

Data Types



Type	Value	Example
String	A sequence of characters	<code>\$a = "Hello, World!";</code>
Integer	The number between -2^{31} and 2^{31}	<code>\$a = -100;</code> <code>\$b = 500;</code>
Float	A number with a decimal point or a number in exponential form.	<code>\$a = -1.52;</code> <code>\$b = 2.3;</code>
Boolean	TRUE or FALSE	<code>\$a = true;</code> <code>\$b = false;</code>
Array	An array stores multiple values in one single variable.	<code>\$a = [];</code>
Object		

Constants

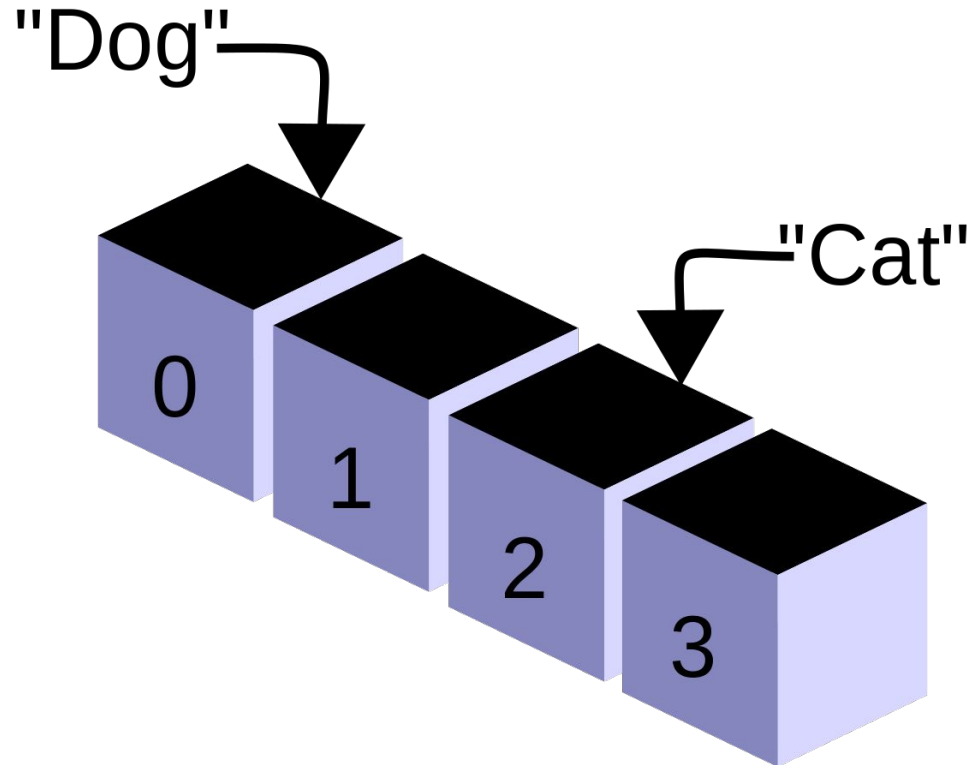


A mathematical constant is a number whose value is fixed by an unambiguous definition, often referred to by a symbol or by mathematicians' names to facilitate using it across multiple mathematical problems.

- Wikipedia

```
<?php
    // Define the constant.
    define('PI', 3.14159265359);
    // Print the constant value.
    echo PI;
```

Arrays



Arrays



- Numeric Arrays
- Associative Arrays
- Multidimensional Arrays

Unset



```
<?php
    $a = 100;
    echo $a;
    echo "\n";
    unset($a);
    echo $a;
```

String Concatenation



```
<?php
    $name = "John";
    echo "Hello, my name is " . $name;
```

Type checking functions



- **is_bool** - to find out whether a variable is a boolean;
- **is_int** - to find out whether a variable is an integer;
- **is_float** - to find out whether a variable is a float;
- **is_null** - to find out whether a variable is null;
- **is_string** - to find out whether a variable is a string;