

PHP Programming

COMP203TH

Lecture: 6

PHP Operators

(Note:-Check video lecture for examples)

Arithmetic Operators:

PHP supports all standard arithmetic operations:

Operator	Name	Example	Result
+	Addition	$\$x + \y	Sum of $\$x$ and $\$y$
-	Subtraction	$\$x - \y	Difference of $\$x$ and $\$y$
*	Multiplication	$\$x * \y	Product of $\$x$ and $\$y$
/	Division	$\$x / \y	Quotient of $\$x$ and $\$y$
%	Modulus	$\$x \% \y	Remainder of $\$x$ divided by $\$y$
**	Exponentiation	$\$x ** \y	Result of raising $\$x$ to the $\$y$ 'th power

Comparison Operators:

Various Comparison(relational) operators in PHP are:

Operator	Name	Example	Result
==	Equal	$\$x == \y	Returns true if $\$x$ is equal to $\$y$
===	Identical	$\$x === \y	Returns true if $\$x$ is equal to $\$y$, and they are of the same type
!=	Not equal	$\$x != \y	Returns true if $\$x$ is not equal to $\$y$
<>	Not equal	$\$x <> \y	Returns true if $\$x$ is not equal to $\$y$
!==	Not identical	$\$x !== \y	Returns true if $\$x$ is not equal to $\$y$, or they are not of the same type
>	Greater than	$\$x > \y	Returns true if $\$x$ is greater than $\$y$
<	Less than	$\$x < \y	Returns true if $\$x$ is less than $\$y$
>=	Greater than or equal to	$\$x >= \y	Returns true if $\$x$ is greater than or equal to $\$y$
<=	Less than or equal to	$\$x <= \y	Returns true if $\$x$ is less than or equal to $\$y$