

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

Comparison Operators:

Various Comparison(relational) operators in PHP are:

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