PHP has several types of operators that can be used to perform various operations on data.

Here are the various types of operators available in PHP:

Arithmetic Operators:

Arithmetic operators are used to perform basic arithmetic operations such as addition, subtraction, multiplication, division, and modulus. These operators work on numeric values.

Comparison Operators:

Comparison operators are used to compare two values and return a Boolean value of true or false depending on whether the comparison is true or false. The comparison operators include equal to, not equal to, less than, greater than, less than or equal to, and greater than or equal to.

Logical Operators:

Logical operators are used to combine multiple conditions and return a Boolean value of true or false depending on whether the conditions are true or false. The logical operators include AND, OR, and NOT.

Assignment Operators:

Assignment operators are used to assign values to variables. They include the equals sign, as well as other operators combined with the equals sign such as plus-equals, minus-equals, times-equals, and so on.

Increment/Decrement Operators:

Increment and decrement operators are used to increase or decrease the value of a variable by 1.

String Operators:

String operators are used to concatenate strings. The concatenation operator is the period (.) and it is used to join two strings together.

Array Operators:

Array operators are used to compare arrays. The operators include union (+), equality (==), inequality (!=), identity (===), non-identity (!==), and set-difference (-).

Ternary Operators:

Ternary operators are a shorthand way of writing if-else statements. They take three operands: a condition, a value to return if the condition is true, and a value to return if the condition is false.

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